ORDER NO. VRD9604M112

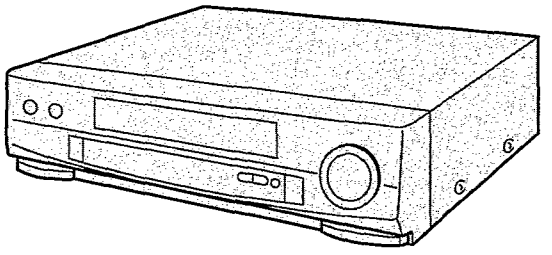
Service Manual

General Description
Adjustment Procedures
Block / Schematic Diagrams
Exploded Views / Parts List

Video Cassette Recorder

Panasonic VHS PAL

Hi-Fi HQ



NV-HD610EG/EGH/B/EC
NV-HD605B/BL

K-MECHANISM

SPECIFICATIONS

ITEM	SPECIFICATION	
POWER	SOURCE: 220—240 V AC 50/60 Hz	
	CONSUMPTION: 21 watts (NV-HD610EG/EGH) 22 watts (NV-HD610B/EC, HD605B/BL)	
RECORDING SYSTEM	2 rotary heads, helical scanning system	
	PAL	
TV TUNER SYSTEM	NV-HD610 EG/EGH	VHF Ⅰ: CHN1—CHS10 VHF Ⅲ: CHE5—CHS41 (PAL/SECAM B) UHF: CH21—CH69 (PAL/SECAM G) 75Ω terminated
	NV-HD610B NV-HD605B	UHF: CH21—CH69 (PAL Ⅰ) 75Ω terminated
	NV-HD610EC	VHF Ⅰ: CHE2—CHS3 VHF Ⅱ: CHM1—CHM9 VHF Ⅲ: CHM10—CHU2 VHF H: CHU3—CHS41 (PAL/SECAM B) UHF: CH21—CH69 (PAL/SECAM G) 75Ω terminated
	NV-HD605BL	VHF Ⅰ: CHA—CHC VHF Ⅲ: CHD—CHJ (PAL Ⅰ) UHF: CH21—CH69 (PAL Ⅰ) 75Ω terminated
RF OUT SYSTEM	NV-HD610 EG/EGH/EC	UHF: CH36±6CH (PAL G) 70^{+2}_{-3}dBμ, 75Ω terminated
	NV-HD610B NV-HD605B/BL	UHF: CH36±6CH (PAL Ⅰ) 73±3 dBμ, 75Ω terminated
VIDEO	HEADS: 4 rotary heads 1 pair for recording and playback (L-R heads) 1 pair for trick play (L'-R' heads)	

ITEM	SPECIFICATION
VIDEO	INPUT: EURO AV Connector (21 pin×2) 1.0 Vp-p, 75Ω unbalanced
	OUTPUT: EURO AV Connector (21 pin×2) 1.0 Vp-p, 75Ω unbalanced
AUDIO	HEAD: 1 Stationary head (Normal-mono only) 2 channels (Hi-Fi Sound-Stereo)
	INPUT: EURO AV Connector (21 pin×2) More than −6 dBV (500 mV), 10 kΩ
	OUTPUT: AUDIO OUT Connector (Phono type) −6 dBV (500 mV), Less than 1 kΩ EURO AV Connector (21 pin×2) −6 dBV (500 mV), Less than 1 kΩ
TAPE SPEED	SP: 23.39 mm/s LP: 11.695 mm/s Record/Playback Time: SP: 4 hours with 240 min. type tape LP: 8 hours with 240 min. type tape FF/REW Time: 2.5 min. with 180 min. type tape
OPERATING TEMPERATURE	5°C—40°C
OPERATING HUMIDITY	35%—80%
DIMENSIONS	430 (W)×99.9 (H)×315 (D) mm
WEIGHT	4.2 kg
STANDARD ACCESSORIES	1 pc. DIN-RF Cable 1 pc. AC Mains Lead 1 pc. Infra-res Remote Controller

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.

Panasonic

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

INTRODUCTION

This service manual contains technical information which will allow service personnels to understand and service this model.

Section 1 presents you with technical know how for actual servicing and general information of features and controls, enabling you to become familiar with each function.

Section 2 presents to your mechanical and electrical adjustment information as well disassembly and replacement procedures.

In the case of very common information relating to other models like mechanical adjustments, please refer to the appropriate service manual.

Section 3 contains block diagrams which provides you with information for checking and understanding each circuit. Schematic diagrams which give you detailed information such as waveforms, voltage data, function e.t.c. ...

Section 4 contains exploded views and parts list.

Please place orders using the parts list and not the drawing reference numbers.

If the circuit is changed or modified, this information will be followed by supplementary service manual to be filed with original service manual.

Note 1: Adjustment procedures, Disassembly Procedures and Assembly Procedures for Mechanism Chassis are separate volume from this service manual.
Please refer to the service manual for K-Mechanism Chassis. (Order No. VRD9307M131)

Note 2: The Model No. is indicated on the Schematic Diagram and Circuit Board Diagrams as follows.

Model No.	NV-HD610EG	NV-HD610EGH	NV-HD610B	NV-HD610EC	NV-HD605B	NV-HD605BL
Indication Mark	(A)	(B)	(C)	(D)	(E)	(F)

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SECTION 1
GENERAL DESCRIPTIONS

1-1. SERVICE INFORMATION

1-1-1. CHANNEL MEMORY IC INITIALIZATION

When replacing the memory IC7704, its IC should be initialized.

Note:1) It should be performed before tuning.
2) Meaning of "INITIALIZATION" is to make dependency in different models and to distinguish between different features.

Method:
1) Connect a jumper wire between TL6001 (IC6001-96) and TL6002 (GND).
2) Press the FF, REW and EJECT buttons to set the Service Mode. (Test Mode will be appeared on the monitor TV.)
3) Set the Model Code for these models by using 10-key on the Remote Controller Unit as follows.
4) After finishing the initialization, disconnect a jumper wire.

	Code No.
NV-HD610EG/EGH	129
NV-HD610B	137
NV-HD610EC	133
NV-HD605B	136
NV-HD605BL	140

1-1-2. SERVICE POSITION

A. CHECKING OF MAIN C.B.A.

When servicing the MAIN C.B.A., take out the MAIN C.B.A. and mechanism from the frame and turn over.

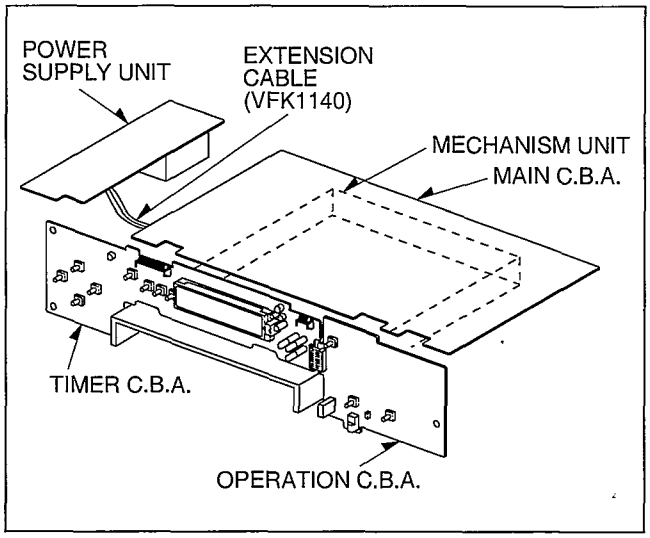


Fig. S1

B. MECHANISM SERVICE POSITION

When servicing the K-Mechanism, take out the mechanism from the MAIN C.B.A. and connect Extention Cable (VFK0889) between the loading-motor connector and P2001 as shown below.
In this position, the following services are possible.

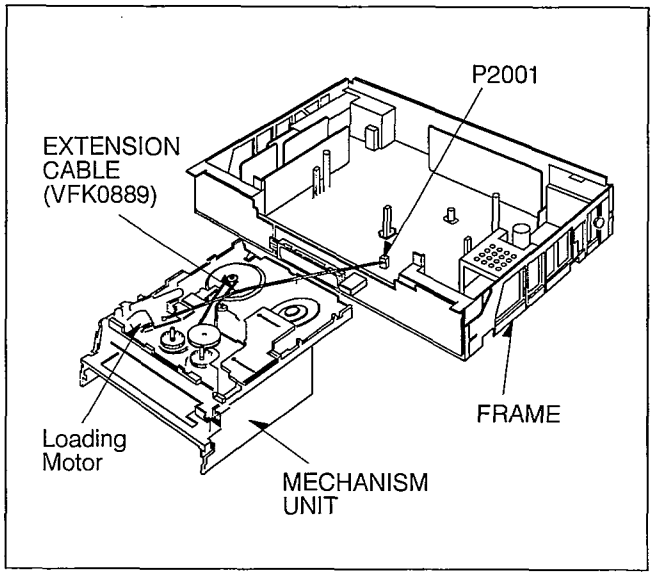


Fig. S2

B-1. CHECKING OF LOADING/UNLOADING OPERATION

There are 3 methods for manual operation of loading/unloading operation as follows.

1. HAND OPERATION
   1) Turn the Worm Gear or the Worm Wheel Gear (Remove the Loading Motor Unit) manually.

2. BATTERY OPERATION
   1) Remove the Extention Cable (VFK0889).
   2) Connect the Battery (Manganes-Type R6 (AA) 3pcs./+4.5V) to the Loading Motor terminals.

3. SERVICE INFORMATION DISPLAY OPERATION
   1) Set the Service Information Display mode. Press the FF, REW and EJECT buttons.
   2) Press the FF, REW and EJECT buttons.
   3) In the Service Mode 7, the Loading Motor rotates for Loading operation when the "PLAY" button is pressed.
      The Loading Motor rotates for unloading operation when the "STOP" button is pressed.

Remark:
Use the "SERVICE INFORMATION DISPLAY" mode for a final check of mechanism movement.

B-2. CHECKING OF REEL GEARS OPERATION

1) Move the mechanism to "PLAY" position by loading operation. (Refer to B-1)
2) Turn the Capstan Rotor Unit to check movement of reel gears.

1-1-3. CYLINDER UNIT REPLACEMENT

A. CYLINDER UNIT REPLACEMENT

1) Remove the 3 Screws (A) of the CYLINDER UNIT with a magnetized screw driver in the MECHANISM SERVICE POSITION.

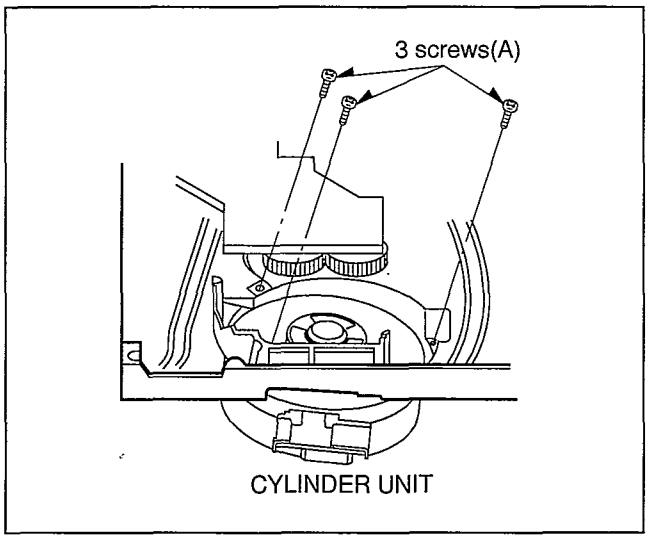


Fig. S3

B. UPPER CYLINDER DISASSEMBLY

1) Remove the Top Panel.
2) Remove the Screw (B) and Earth Plate.
3) Lift up the Upper Cylinder.

Note: Do not remove 3 Screws on the Upper Cylinder.

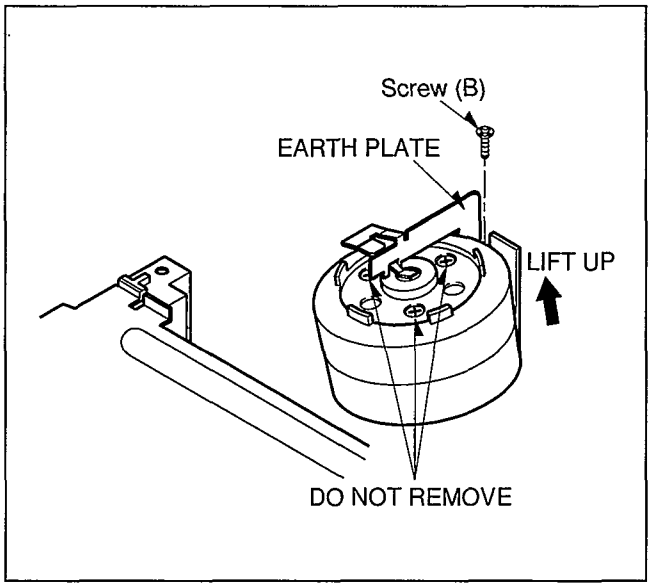


Fig. S4

Do not remove the Rotor Magnet which fixed by 3 screws on the Upper Cylinder.

If it is removed, refer to following method.

1) Install the Rotor Magnet so that the hole (C) on the Rotor Magnet fits to the small projection (D) on bottom of the Upper Cylinder.
2) Tighten 3 screws on top of the Upper Cylinder.

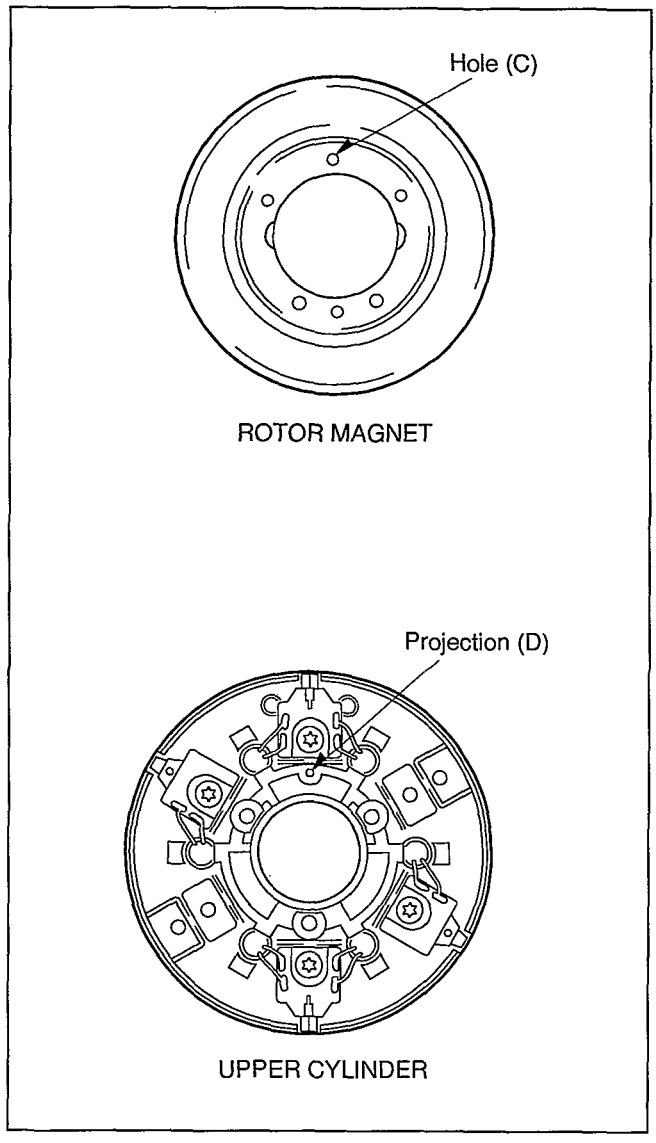


Fig. S5

C. UPPER CYLINDER ASSEMBLY

When reassembling, perform the steps in the reverse order of the DISASSEMBLY METHOD.

1-1-4. FLAT CARD CABLE INSTLLATION

When installing the Flat Card Cable on the connector, install the Flat Card Cable with the cable contacts facing the connector contacts.

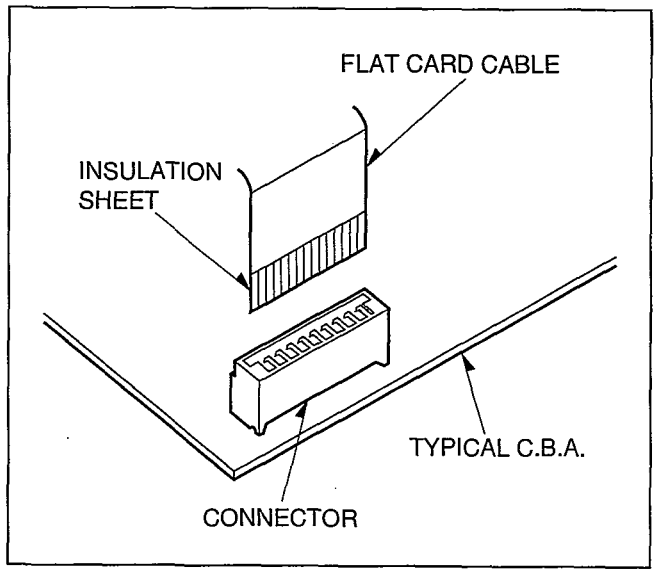


Fig. S6

1-1-5. CAPSTAN STATOR UNIT ASSEMBLY

When replacing the Capstan Stator Unit, the Centre Fixing Tool (VFK0851) must be used to fix the centre of Capstan Stator Unit.

Method:

1) Place the Capstan Stator Unit into position.
2) Loosely tighten the 3 screws.
3) Insert the Centre Fixing Tool (VFK0851) as shown below.
4) Tighten the 3 screws.
5) Remove the Centre Fixing Tool.

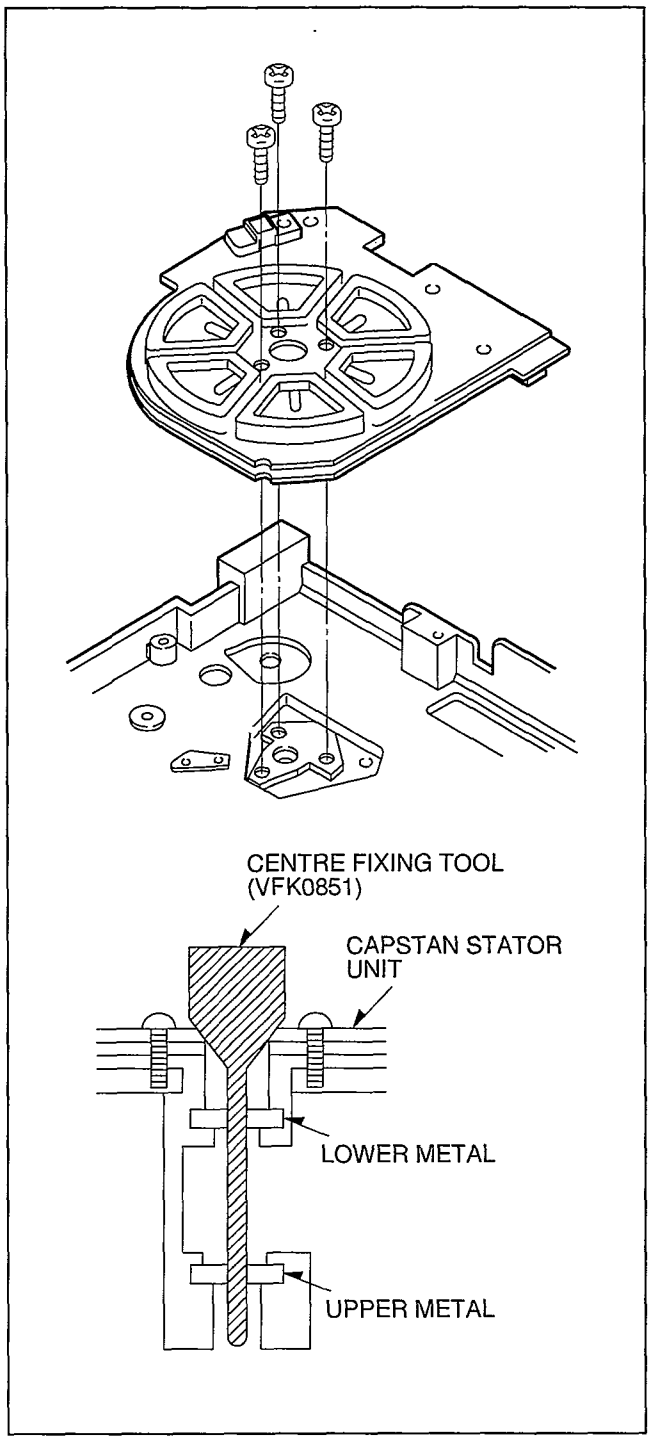


Fig. S7

1-1-6. EJECT OPERATION

The main cam gear rotates in the direction of the arrow. The projection (B) of the carriage connection gear engages with the recession (A) of the main cam gear. The carriage connection gear rotates in the direction of the arrow to perform the Eject operation.

<NOTE>
If the Eject operation is performed without the cassette carriage installed while repairing or making the mechanical phase alignment, the main cam gear will not engage with the carriage connection gear and will not rotate.
To perform the Eject operation with the cassette carriage not installed, it is necessary to rotate the carriage connection gear by hand in the direction of the arrow.

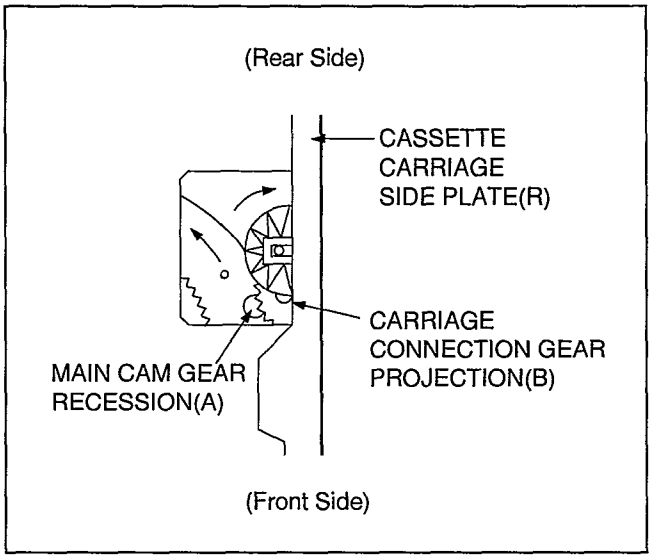


Fig. S8 Top View of Eject Operation

1-1-7. TAKE-UP PHOTO SENSOR OPERATION

Note the following matters for Take-up Photo Sensor Operation.

1) While servicing of the K-Mechanism, the unit will not operate properly if a strong light (ex, Fluorescent light, Spot light) falls on the Take-up Photo Sensor. In this case, cover the Take-up Photo Sensor to prevent the light from falling on it.
2) While servicing of the K-Mechanism with "Power On" and without cassette tape inserted, the Unit does not operate properly.

1-1-8. REMOVAL OF THE CASSETTE TAPE

If the electrical circuit is defective and the action of unloading and front unloading do not work properly, it is possible to remove the cassette manually. There are 2 methods of removing the cassette.

1. HAND OPERATION

1) Take out the mechanism from MAIN C.B.A.
2) Turn the Worm Gear manually, moving the Loading Post to the unloaded position.
3) Turn the Capstan Rotor Unit clockwise to take up the tape.
4) Turn the Worm Gear again to eject the cassette.

2. BATTERY OPERATION

1) Take out the mechanism from Main C.B.A.
2) Connect the Battery (Manganes-Type R6 (AA) 3pcs./ +4.5V) to the Loading Motor terminals as shown below.
3) After moving the Loading Post to the unloaded position, disconnect the battery to stop the motor.
4) Turn the Capstan Rotor Unit to clockwise to take up the tape.
5) Reconnect the battery to eject the cassette.

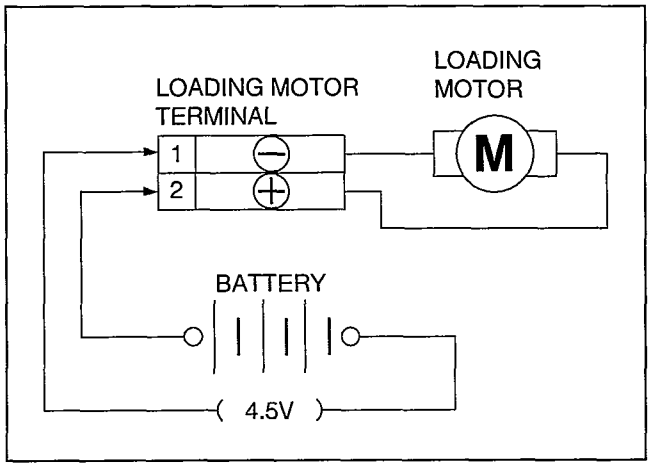


Fig. S9

If the cassette tape can not be removed by the above 2 methods, remove it by the following method.

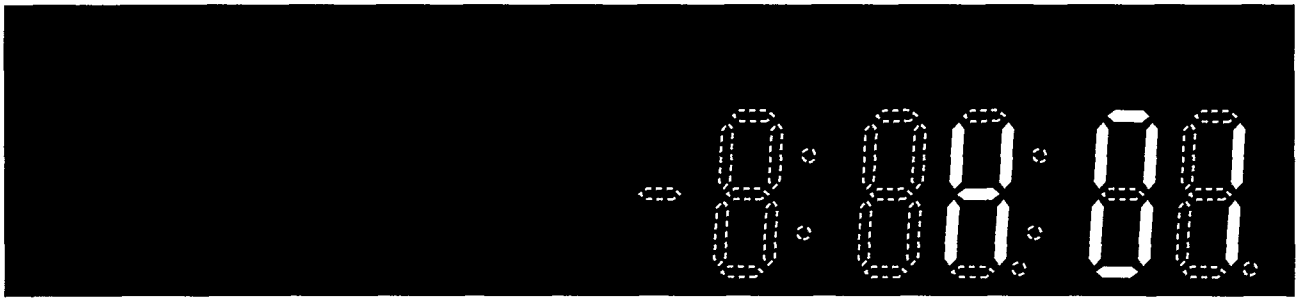
1) Remove the Top Panel.
2) Remove the Front Panel Unit.
3) Lift up the Pinch Arm after removing spring.
4) Push the P5 Arm and remove the cassette tape from tape transportation (P1, P2, P3 and P5 Posts).
5) Turn the Capstan Rotor Unit to take up the tape.
6) Remove 1 screw from the Side Plate (R) Unit to disconnect the Rack Gear from the Carriage Connection Gear.
7) Take out the cassette tape from the Cassette Compartment.

1-2. SELF-TEST INDICATION DISPLAY

This VTR has a self-diagnosis and display function. If the VTR detects trouble during installation or during use, one of the following Fault Indication Codes will automatically appear in the VTR display. Fault Indication codes are displayed in the form of a single English letter followed by two numbers, as for example "H01".

Note:1. The indication "U" is displayed on the FIP while power remains on.
2. Otherwise, the indication "H" or "F" is displayed on the FIP, and the power is automatically turned off. When the power is turned on again, the Fault Indication Code will disappear and the unit will return to normal display mode (either clock or counter).
3. This Fault Indication Code will be stored in the Timer microprocessor even with the AC plug disconnected. The two-digit number portion of the stored Fault Indication Code can be redisplayed in the FIP's "second" display position (the last 2 digits on the light) by placing the unit is Service Mode Number 2 when turning on Service Information Display as for example "01" or "02" etc. If a second error occurs, only the most recent error will be displayed and stored.
4. To erase the stored Fault Indication Code data, Press the FF, REW and EJECT buttons for 5 seconds.

<FIP>



INDICATION	CAUSE	REMEDY/CHECK
U 10	Dew formation.	Wait until the indication disappears.
H 01	After cylinder lock is detected, the cylinder does not start rotating again even after tape unloading.	Check the cylinder-motor drive circuit.
H 02	Cassette tape is not wound up during tape unloading except Eject mode.	Check the capstan-motor drive circuit.
F 03	Mechanism locks during mode transition except Eject mode.	1. Check the loading-motor drive circuit. 2. Check the mechanism phase alignment. 3. Check the Mode Switch.
F 04	Mechanism locks during tape unloading.	1. Check the loading-motor drive circuit. 2. Check the mechanism phase alignment.
F 05	Cassette tape is not wound up during tape unloading in Eject mode.	1. Check the capstan-motor drive circuit. 2. Check the Supply/Take-up reel pulse.
F 06	Mechanism locks after tape unloading in Eject mode.	1. Check the loading-motor drive circuit. 2. Check the mechanism phase alignment for Cassette Holder Unit.
F 07	Rec power voltage does not appear in Rec mode.	Check the Rec power supply circuit.
F 08	Rec power voltage appears except Rec mode.	Check the Rec power supply circuit.
F 09	No serial clock transmission between IC6001 and IC7501.	Check the serial clock circuit.

Fig. T1 Self-Test Indication Display

1-3. SERVICE INFORMATION DISPLAY

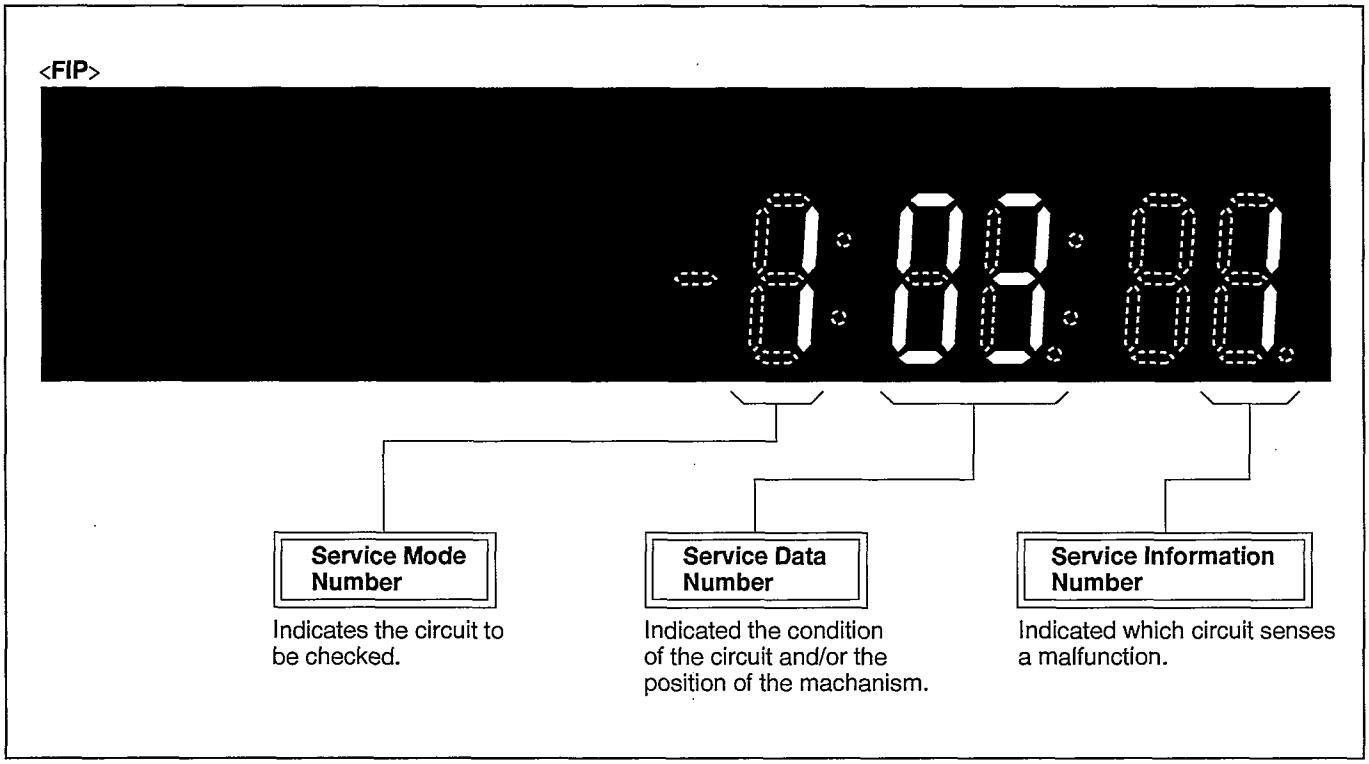

<FIP>
Service Mode Number
Indicates the circuit to be checked.
Service Data Number
Indicated the condition of the circuit and/or the position of the machanism.
Service Information Number
Indicated which circuit senses a malfunction.

Fig. D1 Service Information Display

1-3-1. Purpose of Service Information Display

This information aids trouble shooting by indicating the source of the malfunction. The service mode number & service data number are used by the technician during repair while the service information can be used by the consumer to diagnose malfunctions allowing the technician to provide a more accurate repair cost estimate and reduce repair time.

1-3-2. Turning on Service Information Display

(1) Press the FF, REW and EJECT buttons.

In the Service Information Display, there are four digits divided into 3 functions.
The first digit indicates which of the 8 service modes that the unit is currently in.

MODE 1 : Checks tape protection circuit
MODE 2 : Checks tape transport mechanism
MODE 3 : Checks mode switching operation
MODE 4 : Checks control buttons
MODE 5 : Checks capstan motor
MODE 6 : Checks cylinder motor
MODE 7 : Checks loading/unloading operation

The second and third digits are service data which indicate the condition of the circuit or mechanism being checked.

The forth digit is the service Information display. It is to be used by the consumer to help determine the source of a malfunction. The service information display operates independently of the service modes and stores the fault indication in memory for as long as AC power is not supplied.

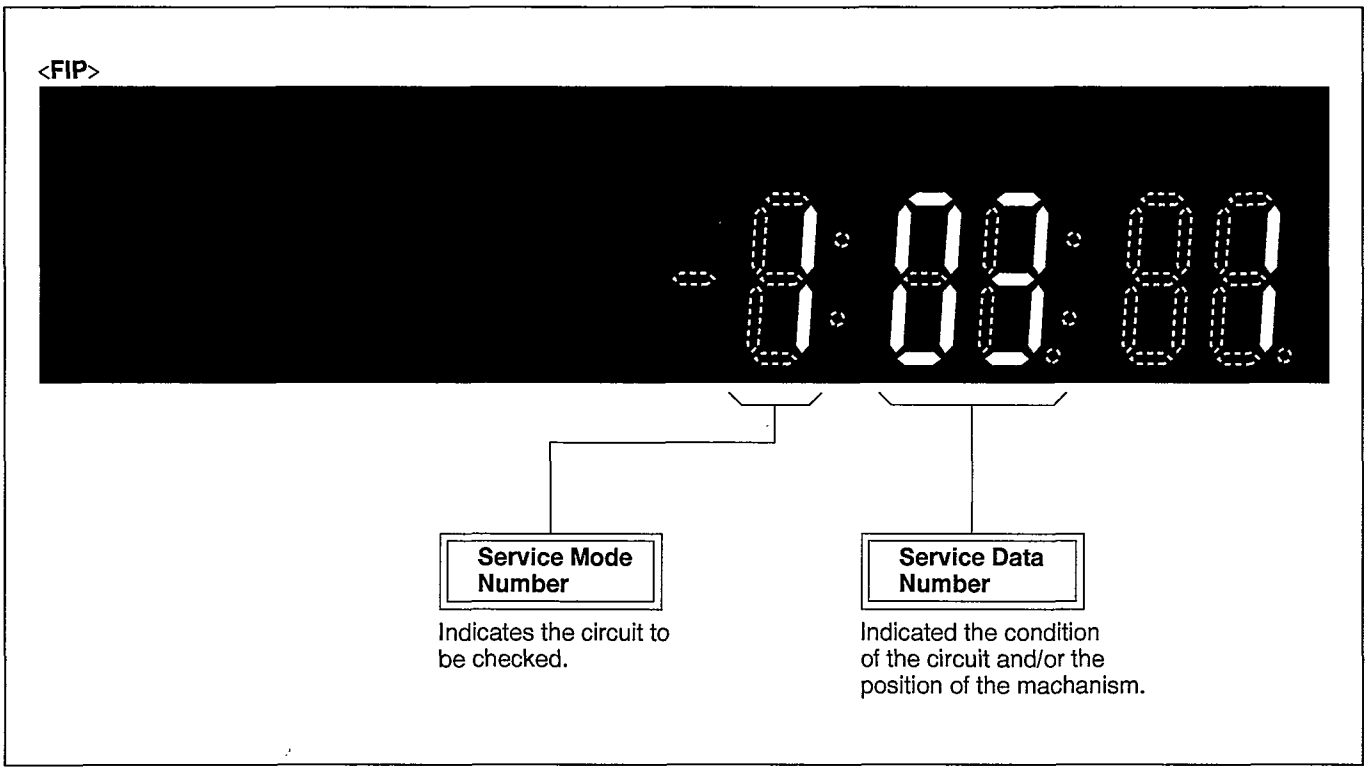

<FIP>
Service Mode Number
Indicates the circuit to be checked.
Service Data Number
Indicated the condition of the circuit and/or the position of the machanism.

Fig. D2 Service Mode Number and Service Data Number on S.I.D.

(1) Turn on Service Information Display.
(2) To change Service Modes press the FF, REW and EJECT buttons simultaneously.
(3) Mode 1 : Checks that the Sensor LED, Supply & Take-up Sensor circuits check the circuits by blocking the light from the Sensor LED to either or both Supply & Take-up Sensors.
When the light is blocked to both sensors, "00" should be indicated on the service data number.
When the light is blocked to the supply sensor, "01" should be indicated.
(4) Mode 2 : Checks the mode switch circuit while indicating mechanism position.
Service Data Numbers indicate the position of the mode switch and there by the mechanism position.
(5) Mode 3 : Checks that mode switch circuit operations have been completed.
Service Data Number should indicate "00" after each mechanism operation is completed.
(6) Mode 4 : Checks the operation circuit.
Indicates if IC6001 receives the operating commands from the mode buttons and/or remote controller.
(7) Mode 5 : Checks the capstan motor circuit.
Indicates if the IC6001 has received the command to rotate the capstan motor.
(8) Mode 6 : Checks the cylinder motor circuit.
IC6001 has received the command to rotate the cylinder motor.
(9) Mode 7 : Checks the Loading/Unloading Operation.
The Loading Motor rotates for loading operation when the "PLAY" button is pressed.
The Loading Motor rotates for unloading operation when the "STOP" button is pressed. This mode can be displayed indefinitely until the OPERATE button is pressed.

<NOTE>
Refer to Fig. D5 for details of Service Data Numbers.

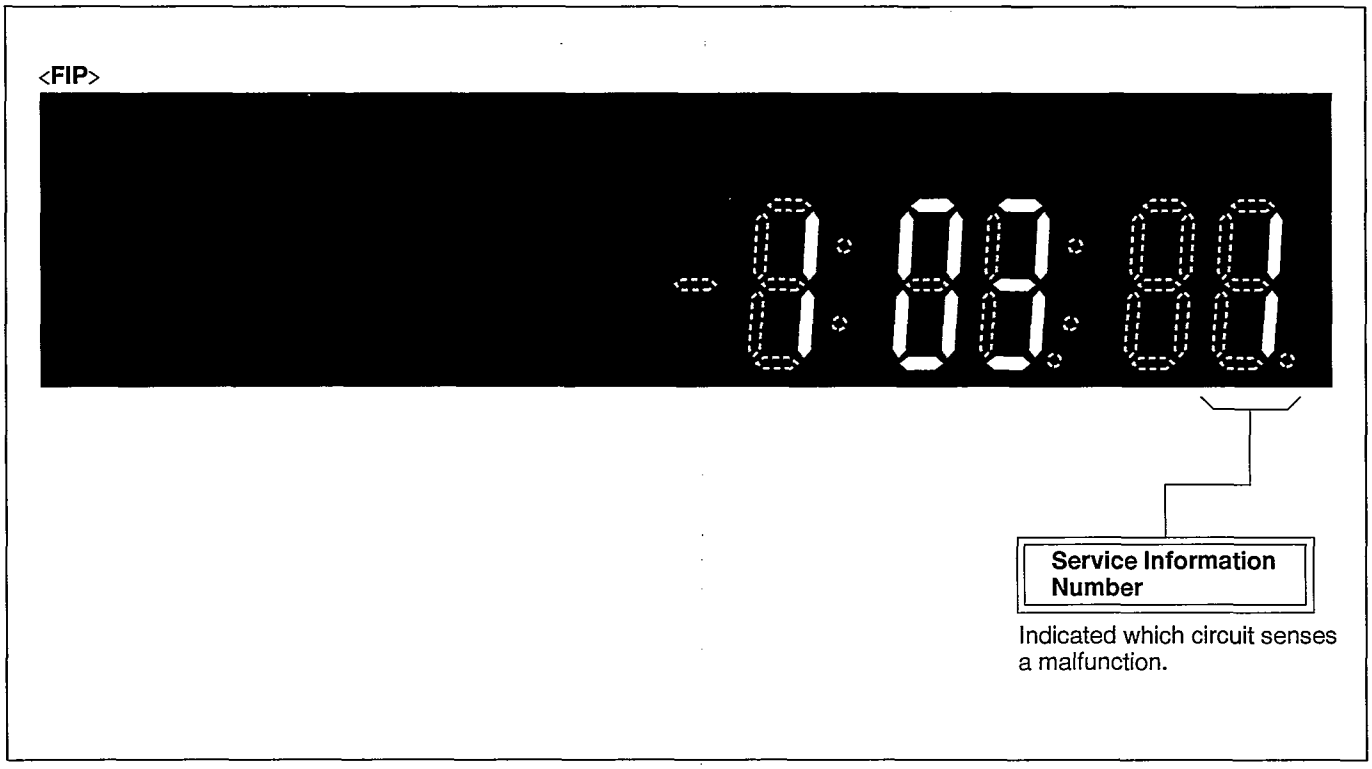


Fig. D3 Service Information Number on S.I.D.

Refer to Fig. D4 for details of Service Information Number.

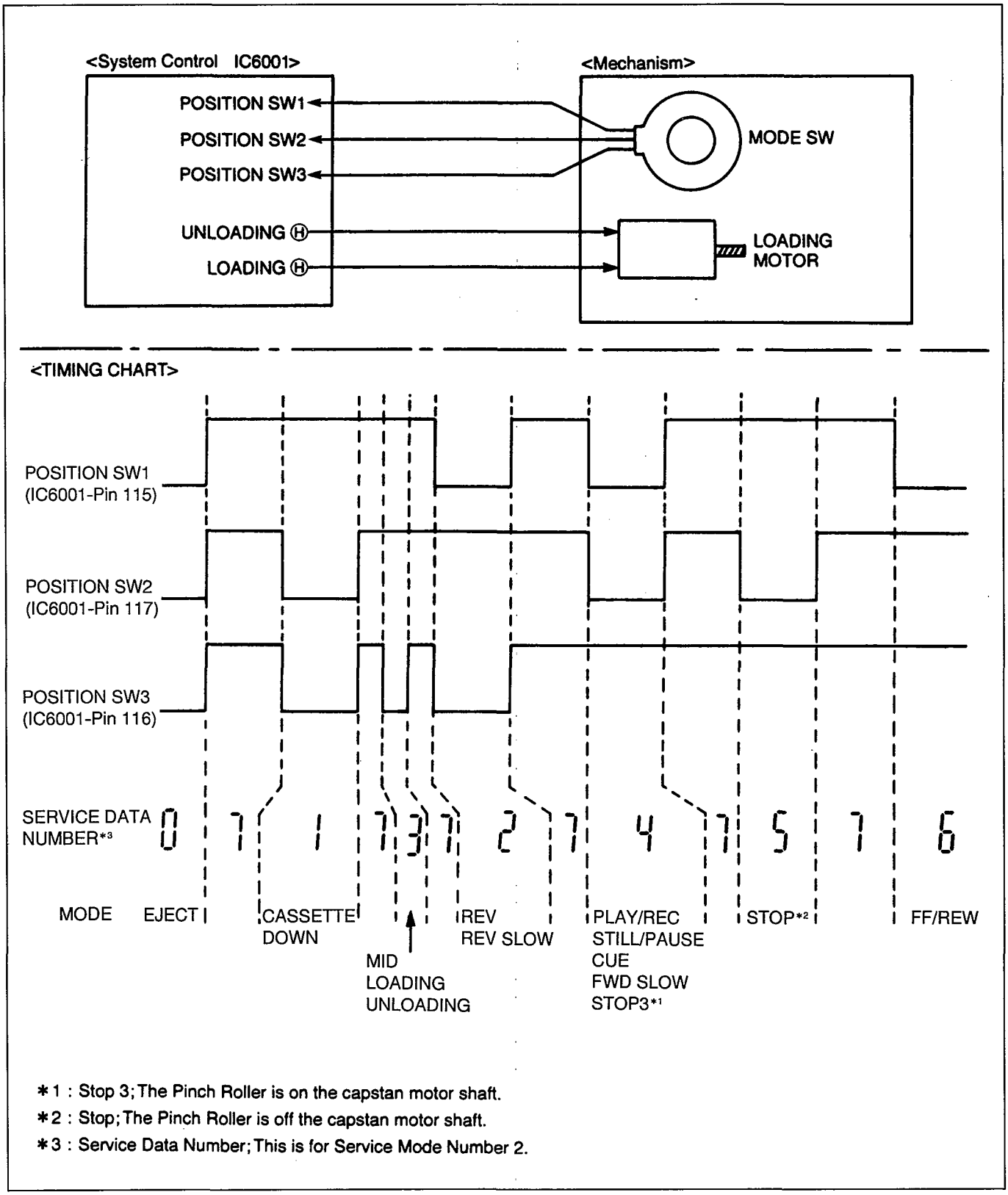
Note:
The Service Information Number display is independent of the service mode display.
The Service Information Number will be stored as long as AC power is not supplied. (It can be displayed in the Service Mode 2.)
If a second error occurs, only the most recent error will be displayed.

Service Information Number	Malfunction
0	Normal (No problem)
1	Cylinder stop
2	Tape reel stop
3	Stop at position other than 4 or 6
4	Stop during unloading
5	Faulty capstan rotation
6	Stop during Cassette-In/Eject operation

Fig. D4 Detail Service Information Numbers

1-3-5. Timing Chart from Mode SW to System control IC6001

System control IC6001 senses the mechanism position through the Mode SW.
Fig. D6 shows the timing for Service Mode Number 2.

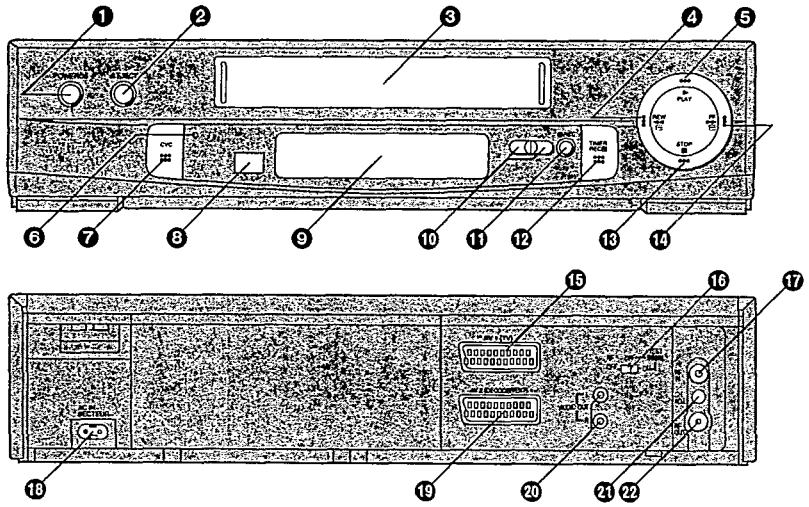


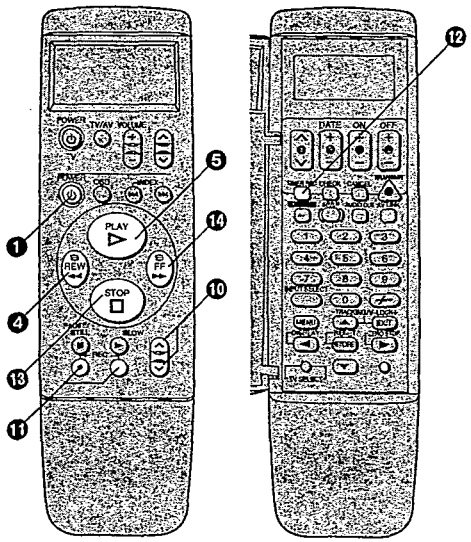
*1 : Stop 3; The Pinch Roller is on the capstan motor shaft.
*2 : Stop; The Pinch Roller is off the capstan motor shaft.
*3 : Service Data Number; This is for Service Mode Number 2.

Fig. D6 Timing Chart of Mode SW

Controls and Connection Sockets

This gives a detailed explanation of the function of each button, switch and connection socket.





❶ POWER ⏻/I
Press to switch the VCR from on to standby mode or vice versa. In standby mode, the VCR is still connected to the mains.

❷ EJECT
To eject a video cassette.

❸ Cassette Compartment
Insert a video cassette here.

❹ REW (REWIND)
In the stop mode: To rewind the tape.
In the playback mode: To search backward.
In the rewind mode: To obtain high speed picture.
"◁◁" is lit.

❺ PLAY
To start playback. "▷" is lit.
For the repeat playback function.

❻ Standby Indicator
This indicator is lit when the VCR is turned off or the VCR is timer recording standby mode.

❼ CVC (Crystal View Control)
ON: Using the CVC function, playback is performed in the state which achieves optimum picture quality in light of characteristics of a tape.
- The CVC indicator is lit on the VCR display.
- This control should normally be left in the ON position.

OFF: Turn off the CVC function.
- The CVC indicator is not lit.

❽ Infra-red Remote Control Receiver Window

❾ Display

❿ ∨ ∧
To select the required programme position (TV station).

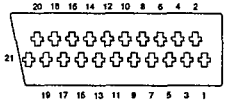
⓫ REC
To start a recording.
- Press both buttons simultaneously for the remote controller.

⓬ TIMER REC
To turn the timer recording function on and off.
⏲ is lit or not lit.
Once operating timer recording function, the normal VCR operation is not possible unless this button is set to off.

⓭ STOP
To stop any playback or recording.

⓮ FF (FAST FORWARD)
In the stop mode: To fast forward the tape.
In the playback mode: To search forward.
In the fast forward mode: To obtain high speed picture.
"▷▷" is lit.

⓯ AV1 (TV)
This 21-pin scart terminal carries input and output signals for both picture and sound. TV sets equipped with a similar socket can be connected here.
This is also called Scart
Peritel
Euro Connector
Euro AV



1	AUDIO OUTPUT CH2 (R)	13	RED GROUND
2	AUDIO INPUT CH2 (R)	14	BLANKING GROUND
3	AUDIO OUTPUT CH1 (L)	15	RED
4	AUDIO GROUND	16	BLANKING
5	BLUE GROUND	17	VIDEO OUTPUT GROUND
6	AUDIO INPUT CH1 (L)	18	VIDEO INPUT GROUND
7	BLUE	19	VIDEO OUTPUT
8	SWITCHING VOLTAGE	20	VIDEO INPUT
9	GREEN GROUND	21	GROUND
10	No connection		
11	GREEN		
12	No connection		

Caution: RGB reservation for only E/E operation when connecting the Pay TV decoder

⓰ RF OFF/TEST SIGNAL
RF OFF: Set to this position when the VCR is connected to the TV via the 21-pin scart cable.
TEST SIGNAL OFF:
Set to this position when the VCR is connected to the TV via the RF coaxial cable only.
TEST SIGNAL ON:
Set to this position when tuning the TV into the VCR.
The test signal is transmitted on channel 36 initially.

⓱ RF IN
To connect to the external aerial.

⓲ AC IN~
To connect to the main power supply.

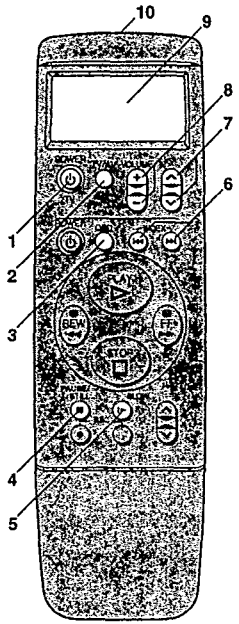
⓳ AV2 (DECODER/EXT)
To connect to a decoder or another VCR.

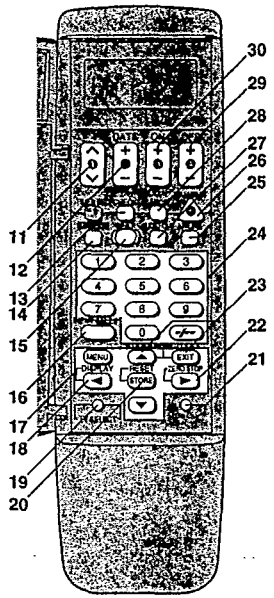
⓴ AUDIO OUT
To connect the sound to a stereo audio system.

㉑ CH ADJ.
To adjust the RF transmitting channel 30–42.

㉒ RF OUT
To connect to the aerial terminal on a TV set.

Infra-red Remote Controller





1 POWER (TV)
To switch the TV from on to standby mode or vice versa. In standby mode, the TV is still connected to the mains.
- With some TV models, it may only be possible to switch the TV to standby mode using this button. In this case, use **TV/AV** or ∨ ∧ **(TV)** to switch the TV on.

2 TV/AV
To select the TV input.

3 OSD
For the On Screen Display Function.

4 PAUSE/STILL
During playback: Still picture.
During recording: To interrupt recording.

5 SLOW
For the slow motion playback function. "▯▷" is lit.

6 INDEX
For the index search function.

7 ∨ ∧ (TV)
To select the required programme position (TV station) of the TV.

8 VOLUME
To adjust the volume of the TV.

9 Display

10 Infra-red Transmitter
The programming data are transmitted from here to the VCR.

11 ∨ ∧
To programme a timer recording.

12 DATE
To programme a timer recording.

13 CHECK
To check timer programmes.

14 SHOWVIEW
For the ShowView programming.

15 SP/LP
To select the tape speed desired for recording.
SP gives the best picture quality.
LP gives the longest recording time.

16 INPUT SELECT
To select the A1 or A2 external recording source.

17 OSD Operation Buttons
MENU: To make On Screen Display **Main Menu** appear on the TV screen.
▲ ▼ ◀ ▶/STORE:
To make selections from On Screen Display.
EXIT: To make On Screen Display disappear on the TV screen.

18 DISPLAY
To change the indication on the VCR Display or On Screen Display.

→Clock→Counter→Remaining Tape Time→

19 TV SELECT
To set the remote controller for operation of the TV.

20 RESET
To reset the tape counter (elapsed time) to "0:00.00".
- The tape counter is automatically reset to "0:00.00" when a video cassette is inserted.

21 No function.

22 ZERO STOP
For the zero stop function.

23 TRACKING/V-LOCK
- For manual tracking adjustment
  The + and – buttons are used to adjust the tracking when, for example, noise bars on the picture are better removed manually than by the automatic digital tracking control. After making a manual adjustment, press both buttons together to return to automatic digital tracking control.
- For slow tracking adjustment
  When noise bars appear during Still or Slow playback, switch over to slow playback and adjust with the + or – Button to reduce the noise bars.
- For vertical locking adjustment
  Use the + and – buttons to minimize any vertical jitter during still-picture playback.

24 Number Buttons
- To select the programme positions (1–99).
  Example:
  9: 9
  19: -/-- → 1 → 9
- To programme a ShowView number.

25 AV LINK
To select the VCR mode or TV mode for AV LINK.

26 TRANSMIT
To transmit the data that has been set on the remote controller to the VCR.

27 AUDIO OUT
To select the desired sound mode.
At the every push of this button, the audio output mode changes as follows.

→Stereo→Left→Right→Normal audio track→

The Left (L) and Right (R) Indicators shown which sound mode is selected in the following way.

Stereo: Both the L and R Indicators appear.
Left: The L Indicator appears.
Right: The R Indicator appears.
Normal: Both the L and R Indicators don't appear.

28 CANCEL
To cancel the settings made for a timer recording.

29 OFF
To programme a timer recording.

30 ON
To *programme a timer recording.*

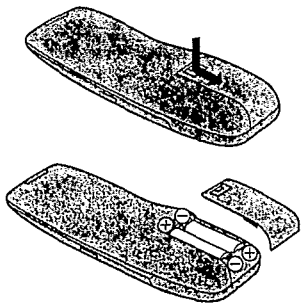
Power Source for the Remote Controller

The remote controller is powered by 2 "AA", "UM3" or "R6" size batteries. The life of the batteries is about one year, although this depends on the frequency of use.

Precautions for Battery Replacement

- Load the new batteries with their polarity (⊕ and ⊖) aligned correctly.
- Do not apply heat to the batteries, or an internal short-circuit may occur.
- If you do not intend to use the remote controller for a long period of time, remove the batteries and store them in a cool and dry place.
- Remove spent batteries immediately and dispose of them.
- Do not use an old and a new battery together, and never use an alkaline battery with a manganese battery.

Installing the Batteries

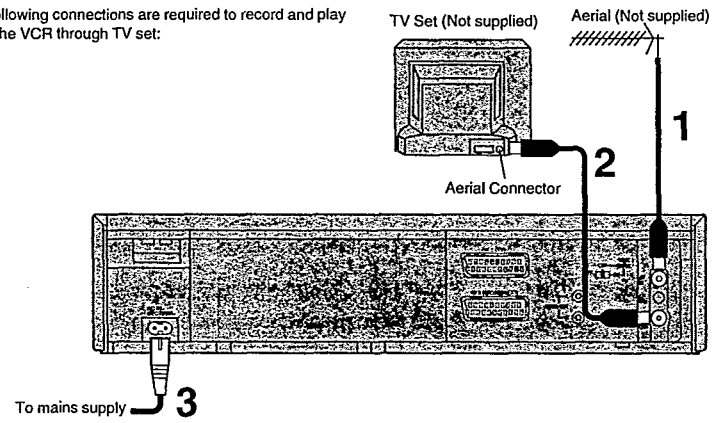


Connections

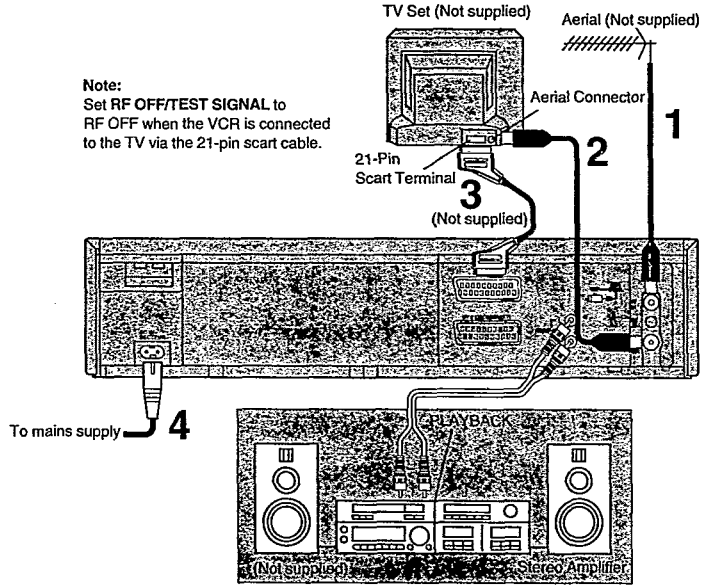
This tells you how to connect with an aerial, TV, etc.

Basic Connections

The following connections are required to record and play back the VCR through TV set:

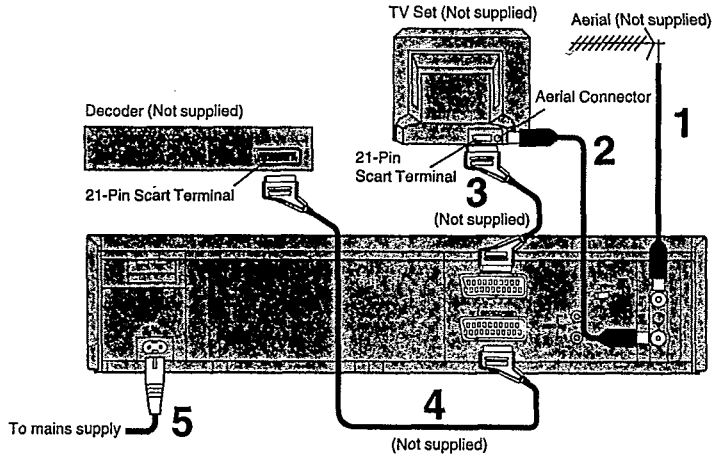


Connection to a TV Set with 21-Pin Scart Terminal



•Connection to a Stereo Amplifier

Connection to a Decoder



Notes:

- If the TV set is provided with an RGB-compatible connector, connect the 21-pin AV cable from the VCR to this connector. Use full-pin 21-pin AV cables for connecting the TV set and VCR and for connecting the VCR and decoder.
- Set **RF OFF/TEST SIGNAL** to RF OFF when the VCR is connected to the TV via the 21-pin scart cable.

AV LINK

With this button the connected colour TV set can be switched from TV mode to VCR mode (vice versa) when it is connected by means of 21-pin scart cable.

This makes a variety of functions possible such as simultaneous recording and viewing when a Pay TV decoder or a satellite receiver has been connected.

VCR mode (VCR indicator lights):
To enjoy sound and pictures from the VCR.

- When **MENU** is pressed and the OSD (On Screen Display) screen is displayed, the unit also automatically switches to VCR mode.
  However, if the unit is originally in TV mode, the VCR indicator is not displayed.
- The unit also automatically switched to VCR mode when playback is started. However, the unit cannot be returned to TV mode during playback.

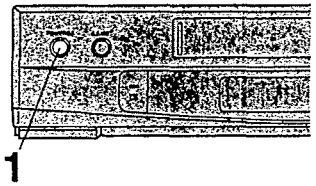
TV mode (VCR indicator goes off):
To watch another programme on the TV while recording on the VCR.

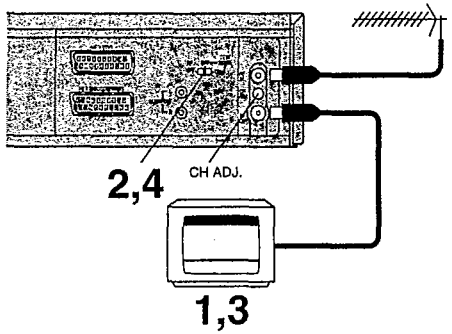
- Select the programme to be watched using the TV set's tuner.
- The sound and pictures of a different channel are received by the VCR.

VCR	
VCR mode	AV input selected
TV mode	Input from TV set's tuner*
Power Off	Input from TV set's tuner

*When the VCR is set to the TV mode and the Pay TV channel is selected, the signals will still be scrambled even when Pay TV is selected by the TV set's tuner. At a time like this, either set the VCR to the VCR mode or switch the TV set's input signals to AV input.

Tuning the TV to your VCR





The VCR supplies a signal to the TV set via the RF coaxial cable on channel 36.
It is possible to view the video picture on your TV in the same way that you watch TV broadcasts.

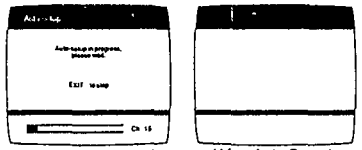
If you have connected the VCR to the TV through the 21-pin scart terminal, then you do not need to follow the procedure mentioned below.

Operations

1 POWER ⏻ — Turn on the TV and VCR.

2 RF OFF — TEST SIGNAL OFF — ON → — To generate a test pattern, set **RF OFF/ TEST SIGNAL** to TEST SIGNAL ON.

3 On Screen Display — Set the TV to an unused position which you wish to use for your video playback.


(During Auto Setup)

(After Auto Setup)

4 RF OFF — TEST SIGNAL OFF — ON ← — Set **RF OFF/TEST SIGNAL** to TEST SIGNAL OFF.
Note: Select your country after automatic setup has been completed. See page 11.

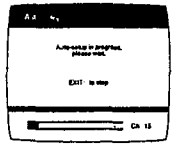
Note:
The test signal is transmitted on video channel 36. If you are encountering interference from a TV broadcast on this video channel, you may readjust to another free channel (30–42) by using the **CH ADJ.** screw which is located on the rear of the VCR.
Please note that if the **CH ADJ.** *screw is used then you* will have to retune your TV to the test signal as in item 2 to 4 above.

Auto Setup

Auto Setup

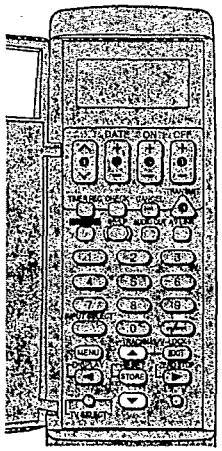
When the VCR is turned on after connecting the aerial lead and the mains lead, Auto setup (Auto tuning and Auto clock setting) starts.

On Screen Display



- The Auto setup is searching for TV station from VHF minimum to UHF maximum and memorizing the data for every programme position. The other programme positions are skipped.
- The Auto setup takes five or more minutes to complete the search for TV station and the clock setting.

Notes:
- If VCR is not correctly set by Auto setup, see **Various settings** on pages 26–29.
- Auto clock setting will not work correctly if teletext information is not available. If the clock setting screen appears after auto tuning has been completed, set clock manually. See page 29.
- Clock information is subject to teletext information. If year information is not in teletext or time information in teletext is incorrect, set clock manually. See page 29.



Country-Selection

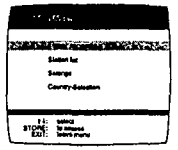
After the Auto setup is finished, select your country to set TV station list, guide number for ShowView and language.

Preparations

- Confirm that the TV is on and the VCR viewing channel is selected.
- Turn on the VCR.

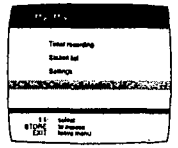
1 *Press* **MENU.**

MENU



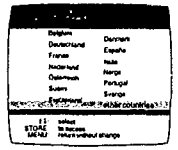
2 Select **Country-Selection.**

▲ ▼ → STORE

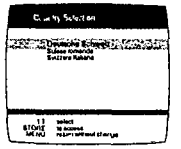


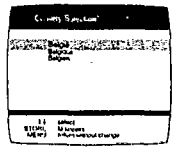
3 Select the desired country.

▲ ▼



- When Switzerland or Belgium has been selected, *operation moves to the screen which follows. Select* the item in accordance with the language required.





4 Press **STORE,** and then press **MENU.**

STORE → MENU

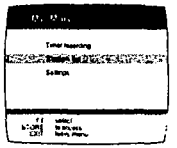
Viewing the TV station list

1 Press **MENU.**

MENU

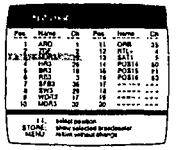
2 Select **Station list.**

▲ ▼ → STORE



3 Select the desired TV station, if you want to view the broadcast.

▲ ▼ → STORE



Auto Set Up Feature
Important Information

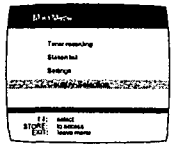
When your video cassette recorder is plugged in for the first time, the Auto Set Up feature will tune in your channels automatically.
However, under certain circumstances in some transmission areas certain channels may not be assigned a channel name or their normal channel position. If this is the case they will need to be tuned manually. If Auto Set up is not successful, please follow the steps below.

To check if this has occurred please follow steps **1→6** bellow.

Operations

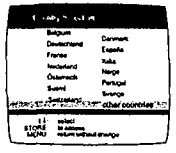
1 Press **MENU**, (if no clock display, press twice), and select **Country-Selection.**

MENU → ▼ → STORE



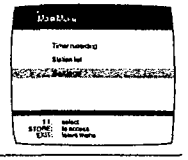
2 Select the desired country.

▲/▼ → STORE



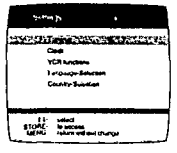
3 Select **Settings.**

▼ → STORE



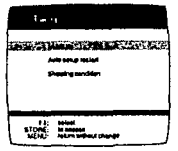
4 Select **Tuning.**

→ STORE

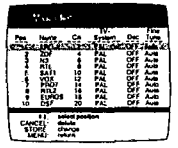


5 Select **Manual.**

→ STORE



6 The STATION LIST is now displayed. (Channel information will vary.)



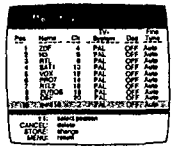
If all station names are displayed, no manual tuning adjustment is needed.

If manual tuning adjustment is required, follow the steps indicated below.

7 If the correct channels are not shown, the set up needs to be manually adjusted.

8 Select the station(s) named ✱✱✱□□.
Establish which channel you are viewing, by checking your TV Guide/ Newspaper.

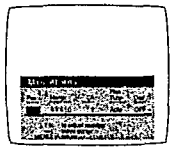
▼ → STORE



- "□□" is the position number. This is the same as steps **11** and **12.**

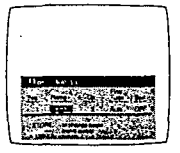
9 Select the number location you want to set the channel.

0 – 9



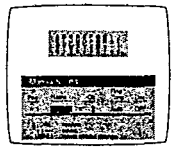
10 Next, highlight the TV station name.

► → STORE



11 Enter characters into **all** five ✱✱✱□□ positions, from the table using the arrows and press **STORE** after each character. Use blank space if required, to enter a blank select the area between **Z** and ✱.

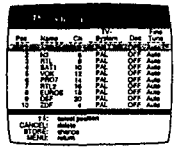
▲/◄/►/▼ → STORE



12 Press **MENU** once.

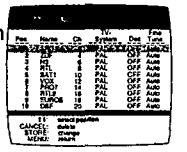
If any other TV station names are marked ✱✱✱□□, repeat steps **8→12.**

MENU



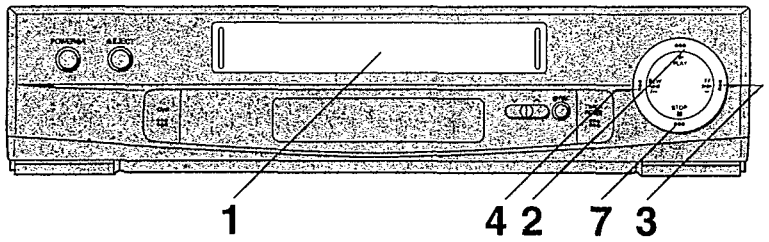
13 To amend a programme position repeat steps **8**, **9** and **12.**

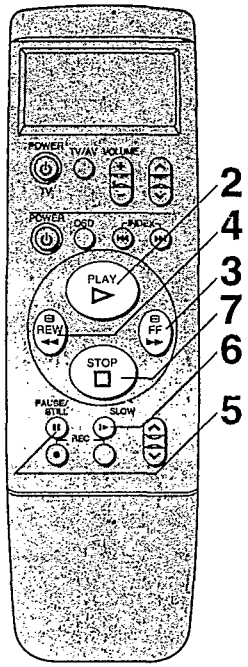
14 When correctly tuned your system list will look like this. (Channel information will vary.)

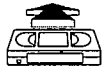


Note:
When channels have been set with manual tuning, the channel position will need to be entered in the highlighted box the first time ShowView is used.

Playback





Operations	Display Symbols	
1		Insert a recorded cassette tape.
2 PLAY		Start viewing the picture.
3 FF		Search forward by tapping **FF**. •To change back to normal playback, press **PLAY**.
4 REW		Search backward by tapping **REW**. •To change back to normal playback, press **PLAY**.
5 PAUSE/STILL		View a still picture. •To continue the normal playback, press **PLAY** or **PAUSE/STILL**.
6 SLOW		View the slow motion picture. •To continue the normal playback, press **PLAY**.
7 STOP		Stop viewing the picture.

Other Playback Functions

To obtain High Speed Picture During Fast Forward or Rewind

Keep **FF** pressed during fast forward.
Keep **REW** pressed during rewind.

REW FF

To playback the Recorded Part Repeatedly

Keep **PLAY** pressed for more than 5 seconds.

PLAY

•Press **STOP** to release from Repeat Playback mode.

To return to a Specified Scene

1 Press **RESET** to set the counter to 0:00.00.

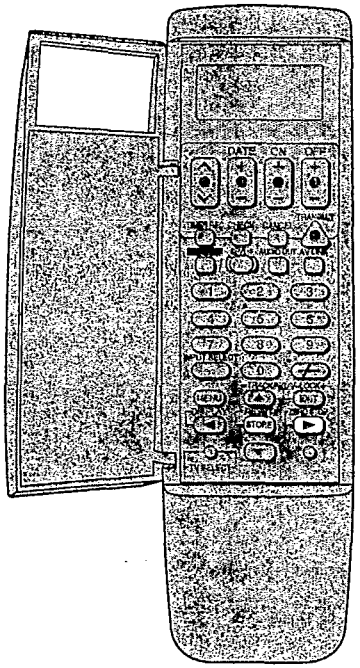
RESET/STORE

2 After playback, press **ZERO STOP** in the stop mode.
•The tape will be rewound or fast forwarded to 0:00.00 approximately.

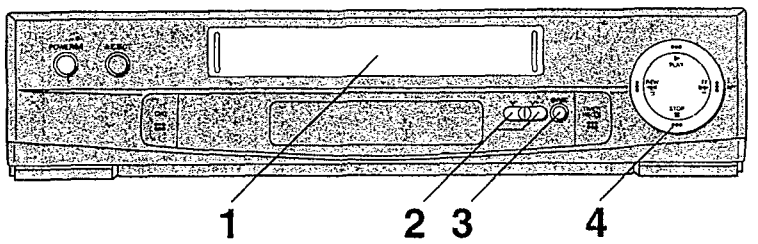
ZERO STOP

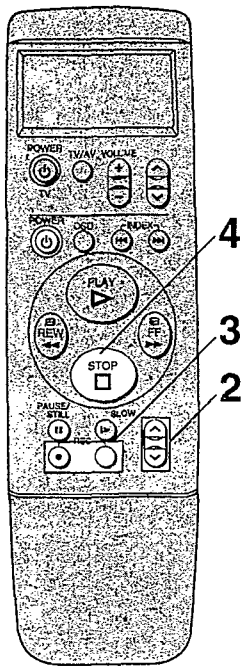
Notes:

- •Audio reproduction of linear (conventionally recorded) tapes will be monaural when played back on the FM Hi-Fi video recorders.
- •Cue, review or slow playback will be automatically released after 10 minutes, and still playback after 5 minutes.
- •In LP mode only:
  1. During any playback mode other than normal playback, the picture may have some noise bars, the colour may be unstable, or a black and white picture may appear.
  2. When playing back a tape which was recorded on another VCR, it may be necessary to adjust the Tracking Control. In some cases the picture quality may still be inferior. This is due to limitation of format.



Manual Recording





Operations	Display Symbols	
1		Insert a cassette tape. •If it has already been inserted, press **POWER** to turn the VCR on.
2		Select TV station.
3		Start recording.
4		Stop recording.

To select the Desired Tape Speed

Press **SP/LP** before recording.

To interrupt Recording

Press **PAUSE/STILL** during recording.
Press again to continue recording.

To record One TV Programme while Viewing Another Programme

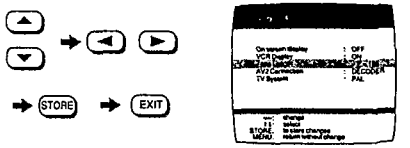
1 Refer to the manual recording operations steps 1 to 3.

2 Select the TV programme on your TV set you wish to view at the present time.

To display the Approximate Remaining Tape Time

1 Select **Tape Length** from On Screen Display and select the corresponding cassette tape length. See page 31.

On Screen Display



◄ E-180: For E30, -60, -90, -120 and -180 tapes.
E-195: For E195 tape.
E-240: For E240 tape.
E-260 ►: For E260 and -300 tapes.

2 Press **DISPLAY**.

→Clock→Counter→**Remaining Tape Time**—┐

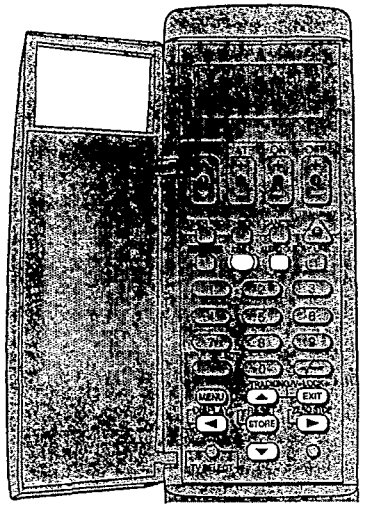
•The remaining tape time may not be displayed correctly depending on the tape used.

Recording of Stereo and Bilingual Programmes

1 Recording are automatically made in the stereo or bilingual mode. This prevents errors in the selection of the dubbed or the original language.

2 During playback press **AUDIO OUT** to select the desired sound mode. See page 7.

Notes:
•When a video cassette with a broken off tab is inserted, the "GTO" indication will flash to indicate that recording is not possible.
•The recording pause mode will be automatically released after 5 minutes, and be back to the stop mode.



The NICAM Broadcast System (NV-HD610EC only)

NV-HD610EC is equipped with the NICAM sound system also.
NICAM is a 2 Channel sound broadcast system to provide either a high quality stereo sound track or 2 independent MONO sound tracks, M1 and M2.
NICAM programmes are always accompanied by standard sound broadcasts and you can select the desired sound with **AUDIO OUT** during playback.
•The NICAM digital stereo sound can only be recorded on the Hi-Fi audio track.
•To record the regular sound (ordinary normal sound) on the FM audio tracks when a Stereo, Bilingual or NICAM programme is received, select **Mono ON** during manual tuning procedure. See page 26.

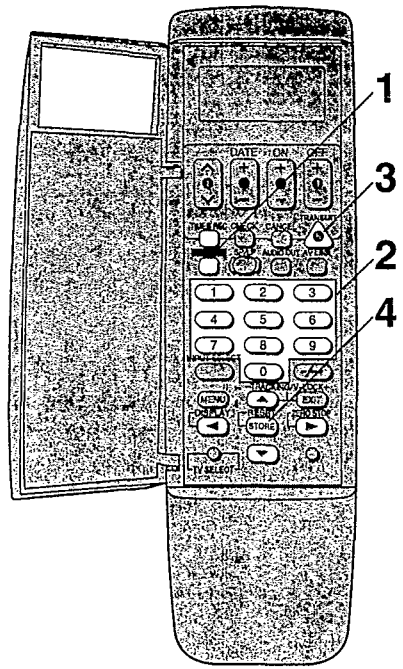
Important Note for the NICAM System

When NV-HD610EC is switched on, the tuner will automatically switch to a NICAM broadcast, if NICAM is being transmitted. During test transmissions, it is possible that the sound received doesn't correspond to the picture being viewed. In order to receive a synchronized sound and picture, select monaural sound with **AUDIO OUT** or **Mono ON** setting. This will only apply until NICAM transmissions are fully operational.
Even if the sound track is in MONO, the stereo indicator will appear.

Timer Recording

ShowView Programming

Programming is now easier than ever: simply enter the ShowView number provided in the programme schedule column carried by newspapers and magazines. ShowView numbers are numbers which are assigned to each programme listed in the TV programme schedule carried in newspapers and TV guides. When these numbers are entered and **TRANSMIT** is pressed, the numbers are converted into the actual programming.



Preparations

- Insert a cassette tape with an intact erasure prevention tab.
- Confirm that the TV is on and the VCR viewing channel is selected.

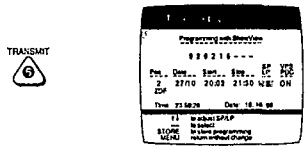
Operations	*Display Symbols*

1 Press **SHOWVIEW.**

2 Enter a ShowView number.
Example: 920216

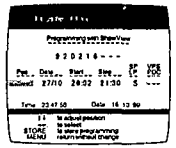
3 Press **TRANSMIT.**

On Screen Display



- To extend the ending time or to make any corrections, use buttons ▲ ▼ ◄ ►.

If the "---" appears in the programme position:
select the programme position of your VCR which receives the TV station you entered at step **2** using button ▲ or ▼.



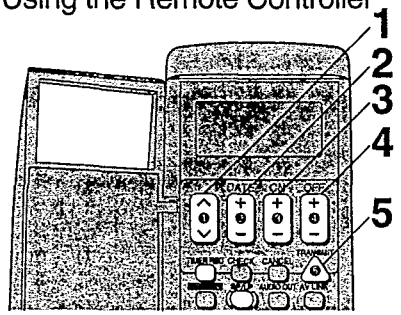
- Next time ShowView code for this station is *entered, the correct position will appear.*

4 Press **STORE** to confirm.

- The VCR will be change to the timer recording standby mode after about 20 seconds, if **STORE** is not pressed.

Notes:
- To release from the standby mode, press **TIMER REC.**
- When the ShowView number is used for programming, the recording time may be slightly longer than the actual programme time.
- When programming two or more programmes, repeat steps **1**~**4**.
- The procedures for checking and cancelling a timer programme are the same as on page 21.

Using the Remote Controller



For Example:

Programme position (channel);	2
Date;	27th, October
Starting time;	20:02
Ending time;	21:30

Preparation

- Insert a cassette tape with an intact erasure prevention tab.
- Open the door of the remote controller.

Operations	**Display Symbols**

1 Set Programme position (channel) "2".

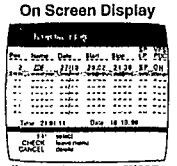
2 Set Date "27".

3 Set Starting time "20:02".

- When it is kept pressed, the indication changes in 30-minute steps.

4 Set Ending time "21:30".

5 Press **TRANSMIT.** **On Screen Display**



- The VCR will be in the timer recording standby mode after about 20 seconds.
- To release from the standby mode, press **TIMER REC.**

Weekly Timer Recording

In step **2**, select the desired day by pressing **DATE –**.
For example, SU (Sunday)

(SU=Sunday, MO=Monday, TU=Tuesday, WE=Wednesday, TH=Thursday, FR=Friday, SA=Saturday)

Daily Timer Recording

For this timer function, several groups of days can be selected.

Ⓐ Daily recording from Monday to Friday
Ⓑ Daily recording from Monday to Saturday
Ⓒ Daily recording from Sunday to Saturday

In step **2**, select the desired days by pressing **DATE –**.
For Example, Ⓒ

Timer Recording from External Signal Source

If Timer Recording is performed by a unit connected to the AV1 (TV) or AV2 (DECODER/EXT) Socket, select the A1 or A2 indicator for the programme position.
A1: Through the AV1 (TV) socket.
A2: Through the AV2 (DECODER/EXT) socket.

Selecting the Desired Tape Speed

Press **SP/LP** in any of steps **2**–**4**.

Checking and Cancelling a Timer Programme

The procedures for checking and cancelling a timer programme are the same as on page 21.

Using On Screen Display

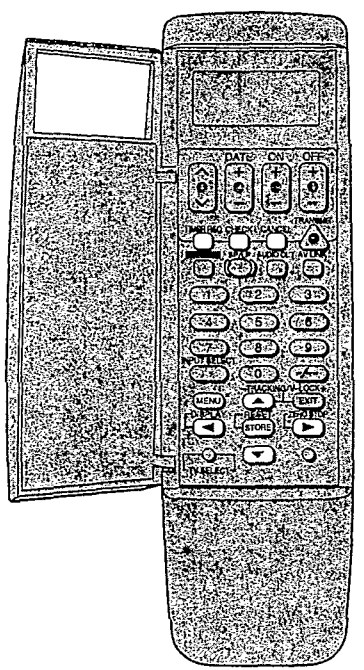
Up to 8 timer programmes can be recorded up to one month in advance by setting the timer, including weekly and daily programmes.

Preparations

- Insert a cassette tape with an intact erasure prevention tab.
- Confirm that the TV is on and the VCR viewing channel is selected.

For Example:

Programme position (channel);	2
Date;	27th, October
Starting time;	20:02
Ending time;	21:30
(Present date; 16th, October)	

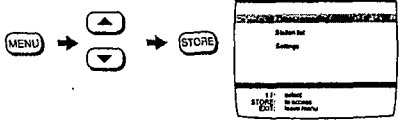


Follow the operation guide on screen display.

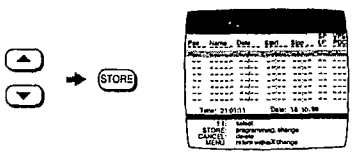
Operations

1 Press **MENU**, and then select **Timer recording.**

On Screen Display

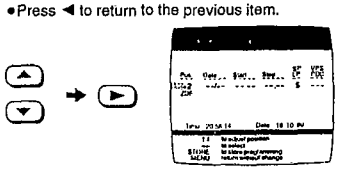


2 Select the unoccupied position.

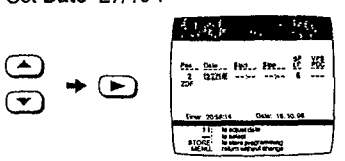


3 Set **Programme position** (channel) "2".

- Press ◄ to return to the previous item.

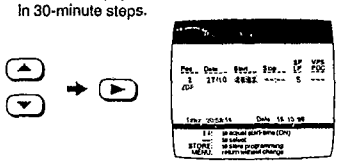


4 Set **Date** "27/10".



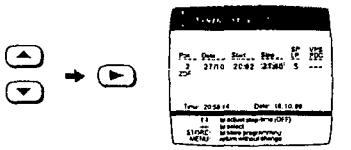
5 Set **Starting time** "20:02".

- When it is kept pressed, the indication changes in 30-minute steps.

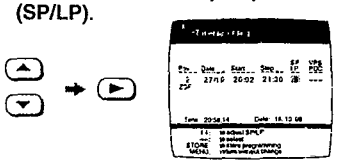


6 Set **Ending time** "21:30".

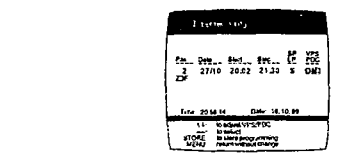
On Screen Display



7 Select the desired **Tape speed (SP/LP).**



8 Select **VPS/PDC ON** or **OFF (---).**



9 Press **STORE.**

10 To activate timer recording, press **TIMER REC.**

Weekly Timer Recording

In step 4, select the desired day by pressing ▼.

Daily Timer Recording

For this timer function, several groups of days can be selected.

Ⓐ Daily recording from Monday to Friday

Ⓑ Daily recording from Monday to Saturday

Ⓒ Daily recording from Sunday to Saturday

In step 4, select the desired days by pressing ▼.

Timer Recording from External Signal Source

If Timer Recording is performed by a unit connected to the AV1 (TV) or AV2 (DECODER/EXT) Socket, select the A1 or A2 for the programme position.

A1: Through the AV1 (TV) socket.

A2: Through the AV2 (DECODER/EXT) socket.

Setting other Programmes in Succession

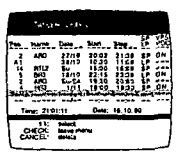
Repeat steps 2–9.

Checking a Timer Programme

- The VCR must be turned on, or the timer recording indicator "⏲" is lit.
- Confirm that the TV is on and the VCR viewing channel is selected.

Press **CHECK.**

CHECK



- On Screen Display may be distorted in the PDC/VPS recording standby mode.

Cancelling a Timer Programme

- The VCR must be turned on, or the timer recording indicator "⏲" is lit.
- Confirm that the TV is on and the VCR viewing channel is selected.

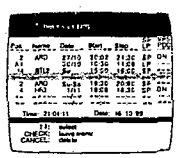
CHECK

1 Press **CHECK.**

2 Select the desired timer programme.

3 Press **CANCEL.**

CANCEL



Note:

If a timer recording is not performed to the end (due to insufficient tape or cancellation by the user), the programmed timer recording data will be cancelled from the memory by 4 a.m. the next day.

However, if the Timer Record Function is activated at that time, the programmed timer recording data will be cancelled at 4 a.m. the next day.

If the timer recording standby mode is performed until 4 a.m. the next day, the programmed timer recording data will not be cancelled.

In case the broadcast station transmit PDC/VPS label to suspend recording of some programmes, the timer recording data may remain in the memory even after timer recording reaches the end.

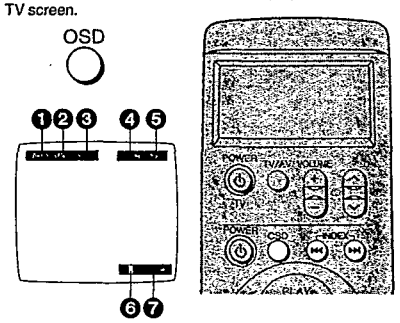
PDC (Programme Delivery Control)/VPS (Video Programme System)

The Programme Delivery Control (PDC) or the Video Programme System (VPS) is a very convenient system which assures that the TV programmes you have programmed for timer recording will be recorded exactly from beginning to end, even if the actual broadcasting time differs from the scheduled time due to delayed start or extension of the programme duration. Also, if a programme is interrupted and, for example, some special news are inserted, the recording will also be interrupted automatically and resumed when the programme continues.

- In the case of PDC/VPS recording, use the **correct** time (PDC/VPS time) for recording the TV programmes. PDC/VPS recording is not performed when the time (PDC/VPS time) is incorrect, even if only by one minute.
- If the actual broadcasting times of timer recordings overlap (regardless of whether they are PDC/VPS controlled), the recording that starts first has always priority, and the recording of the later beginning programme will start only after the first timer recording has finished.
- When the PDC/VPS signal drops out because the *broadcast signal is weak, or when a broadcasting station* does not transmit a regular PDC/VPS signal, the timer recording will be performed in the normal mode (without PDC/VPS) even if it was programmed for PDC/VPS. In this case, even if the timer recording is performed, whatever has been programmed will not be cancelled at that particular time but at 4 a.m. on the following day.

On Screen Display

Press **OSD** to make the On Screen Display appear on the TV screen.



❶ **TV station**

❷ **TV system**

❸ **Stereo or Bilingual Indicator (NV-HD610EG)**
When receiving a TV programme, the type of sound system in which it is broadcast is automatically indicated.

Stereo, M1 and M2 Indicator (NV-HD610EC)
When receiving a TV programme with the Stereo, Bilingual or NICAM sound system, the type of sound system in which it is broadcast is automatically indicated.
Stereo: When receiving a Stereo/NICAM stereo broadcast.
M1 M2: When receiving a Bilingual/NICAM dual-sound broadcast.
M1: When receiving a NICAM monaural broadcast.

❹ **Audio Output Mode Indicators (NV-HD610EG)**
The Left (L) and Right (R) Indicators show which sound mode is selected with **AUDIO OUT**.
Stereo: Both the L and R Indicators appear.
Left: The L Indicator appears.
Right: The R Indicator appears.
Normal: Both the L and R Indicators don't appear.

❺ ***Tape speed indicator***

❻ **Tape running display**

Stop, Eject	▮
Rewind	◀◀
Fast Forward	▶▶
Playback	▶
Recording	●
Repeat Playback	R

❼ **Present time/Tape counter**

Information	Display
Present time	17:24:31
Tape counter	−2:35.47
Remaining tape time	REMAIN 2:34

Notes:
- On Screen Display may be disturbed or disappear during special playback.
- When the item **"On screen display"** is set to OFF, the On Screen Display will not appear. (See page 30.)

VHS Index Search System

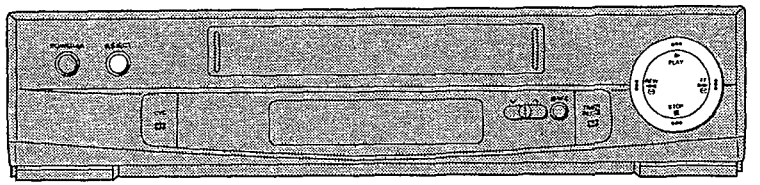
It is very easy to find the beginning of each recording, because a special index signal is recorded at the start of each recorded segment on the tape.

For example:
Searching for the 2nd recorded segment in the forward direction.

Press **INDEX ▶▶I** twice.

- After finding the specific recorded segment, playback starts automatically.
- For the reverse direction, press INDEX I◀◀.
- Up to 20 index signals can be searched for in both directions.
- When the opposite INDEX button is pressed, the number shall be decreased till 1.
- The figure on the display is decremented by 1 each time an index signal is located.
- The INDEX search function can only work correctly, if the index signals are spaced at least 3 minutes apart in the SP mode and 5 minutes apart in the LP mode.

Recording Index Signals
Index signals are recorded in following cases.
- When a recording is started by pressing **REC**.
- When **REC** is pressed during recording.
- When timer recording is activated.



Other Automatic Functions

Automatic Playback
When a cassette without an erasure prevention tab is inserted, the VCR starts playback automatically.

VCR-off Playback
When the VCR is off, an inserted cassette can be played back by pressing **PLAY**.

Automatic Rewinding
When the tape reaches its end during recording (except for timer recording) or playback, it will automatically be rewound to the beginning.

Automatic Switching Off and Ejection
When the VCR is switched off, and inserted cassette can be ejected simply by pressing **EJECT**. The VCR will eject the cassette and automatically turn itself off again.

Editing

Assembly Editing

This function can be used to make up an edited tape from other recordings or video sources.

A new scene can be added to the end of a previous one.

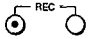
Preparations
- Connect a movie camera or another VCR to this VCR as shown.
- Insert a recorded cassette tape with an intact erasure prevention tab.
- Select the video source required by pressing **INPUT SELECT** to set A1 or A2.
  A1: Through the AV1 (TV) socket.
  A2: Through the AV2 (DECODER/EXT) socket.

Operations

1 Search for the end of the previous recording.

2 Press **PAUSE/STILL**.

3 Press **REC** to switch the VCR from the pause mode to the recording standby mode.

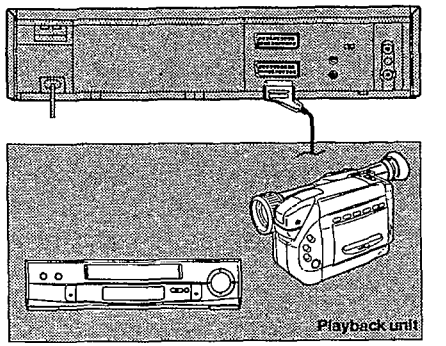


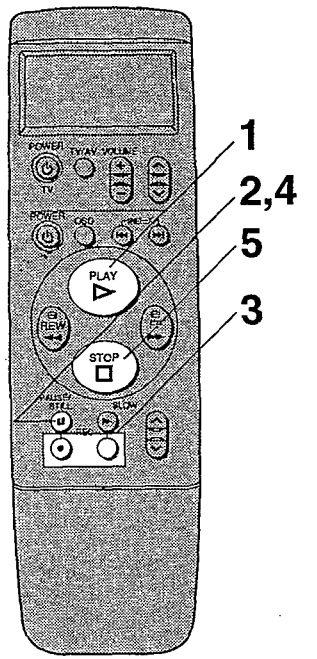
4 Start the new recording by pressing **PAUSE/STILL** again.

5 Press **STOP** to stop recording.

Note:
The new sound will be recorded on both the normal and Hi-Fi sound tracks, only monaural sound recording is possible on the normal sound tracks.

Recording VCR





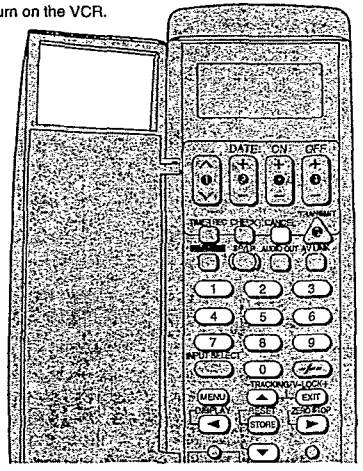
Storing TV Broadcasts into your VCR

Introduction

The VCR is fitted with its own tuner (just like a normal TV set) and can be pre-set to receive up to 99 TV broadcast stations.
If VCR is not correctly tuned by Auto setup, follow the procedure bellow.

Preparations

- Confirm that the TV is on and the VCR viewing channel is selected.
- Turn on the VCR.



Manual Tuning Procedure

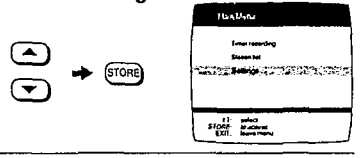
Follow the operation guide on screen display.

Operations

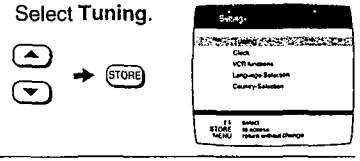
1 Press **MENU**.

2 Select **Settings**.

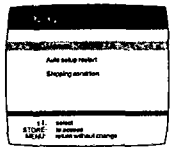
On Screen Display



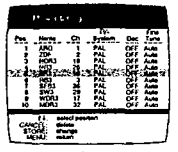
3 Select **Tuning**.



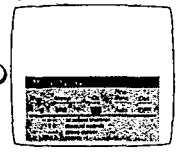
4 Select **Manual**.



5 Select desired programme position.



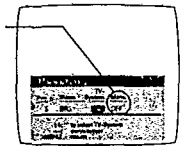
6 Select Channel **(Ch)**.



7 Select **Dec ON** or **Dec OFF**.
ON: To preset pay TV stations.
OFF: To preset normal TV stations.

8 Use ◄ ► to display the next screen.
Select **TV System**.
PAL: For receiving PAL signal.
MESECAM: For receiving SECAM signal.

NV-HD610EC only



9 NV-HD610EC only
Select **Mono OFF**.
- Select **Mono ON** to record the normal sound during a stereo, bilingual or NICAM broadcast or if the stereo sound is distorted due to inferior reception conditions.

10 Press **MENU**, and then press **EXIT**.

Channel Plan

Channel Indication	TV Channel	
	Germany/Italy	Other Countries
2–12	*E2–E12	E2–E12
13–20	A–H (Only Italy)	—
21–69	21–69	21–69
74–76	—	S1–S3
80–82	—	M1–M3
83–89	S4–S10	M4–M10
90–99	S11–S20	U1–U10
121–141 Hyperband	**S21–S41	S21–S41

*In Italy: H1...(11), H2...(12)
**Only for 8 MHz channel raster

To change the programme position or TV station name:

After step 5 but before step 8, select the programme position **(Pos)** or TV station name **(Name)** item using ◄ ►, and then make the desired change.
(See pages 12–13.)

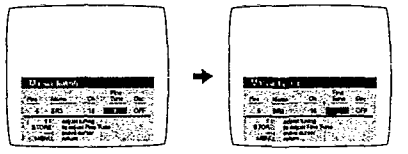
Fine Tuning Procedure

Follow steps 1 to 5 on page 26.

6 Select **Fine Tune**.

7 Press ▲ or ▼ to obtain the best tuning condition.
- To return the tuning to its former state, press **STORE**.

On Screen Display



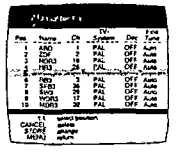
8 Press **MENU**, and then press **EXIT**.

Blanking of Unoccupied Programme positions

Follow steps 1 to 4 on page 26.

5 *Select the desired TV station.*

6 Press **CANCEL**.



- Repeat steps 5 and 6 for another unoccupied programme positions to skip during the selection of the programme positions.

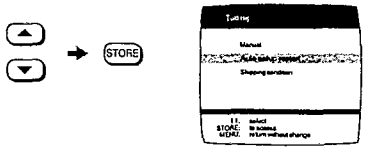
7 Press **EXIT**.

Auto Setup Restart

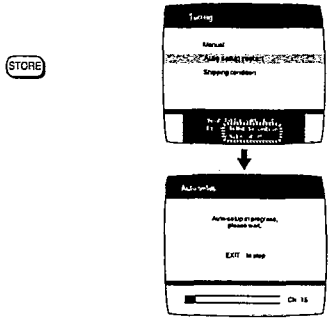
When your address changes, follow the procedure below.
Follow the steps 1 to 3 on page 26.

4 Select **Auto setup restart.**

On Screen Display



5 Press **STORE.**

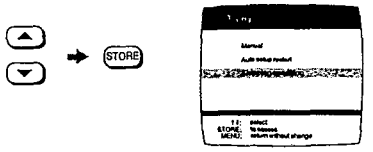


- After the Auto setup, select the your country to set TV station list, guide number for ShowView and language. See page 11.

Shipping Condition

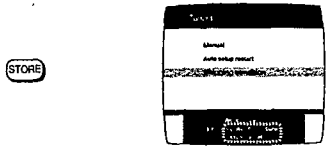
If you want to return the VCR to the factory-preset condition, follow the procedure below.
Follow the steps 1 to 3 on page 26.

4 Select **Shipping condition.**



5 Press **STORE.**

6 Press **STORE** again.



Note:
To re-tune VCR, disconnect mains lead and then reconnect mains lead. If VCR is off, turn on the VCR. Auto setup starts.

Setting the Clock of your VCR

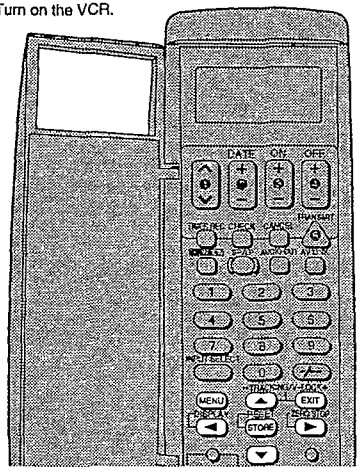
The built-in clock is used to activate the timer for automatic recording and must be set to the correct time.

The built-in digital clock employs the 24-hour system.

If VCR is not correctly set by Auto setup, follow the procedure below.

Preparations

- Confirm that the TV is on and the VCR viewing channel is selected.
- Turn on the VCR.



Manual Clock Setting

Follow the operation guide on screen display.

Operations

1 Press **MENU**, and then select **Settings.**

2 Select **Clock.**

3 Select **Manual setting.**

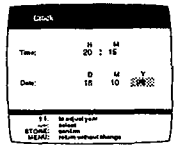
4 Set **Time (H/M).**
- When it is kept pressed, the indication changes in 30-minute steps.
- Press ◄ to return to the previous item.

5 Set **Date (D).**

6 Set **Month (M).**

7 Set **Year (Y).**
- There is no need to press ►.

On Screen Display



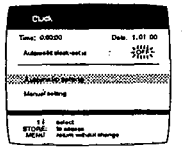
8 Press **STORE.**
- The clock will start.

9 Press **EXIT.**

Automatic Clock Setting

Follow steps 1 to 2 of the above procedure.

3 Select **Automatic setting.**



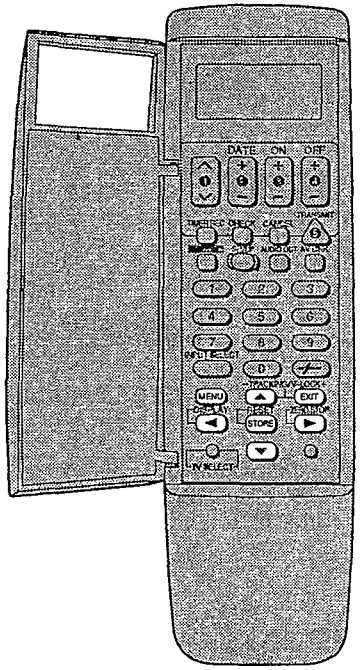
4 Press **STORE.**
- The clock is set automatically.

Notes:
- The clock operates for at least 60 minutes by its backup system in the event of power failure.
- When the item **"Automatic clock-set is"** is ON on screen display, Automatic time correcting function is activated.
  The Automatic time correcting function is only activated when the power is off. This function is not activated during timer recording standby mode.

Settings Using On Screen Display

Preparations

- Confirm that the TV is on and the VCR viewing channel is selected.
- Turn on the VCR.

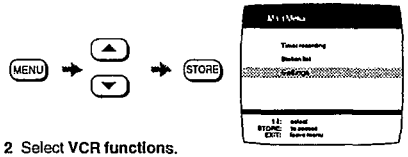


VCR functions

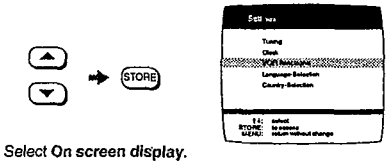
On Screen Display

1 Press **MENU**, and then select **Settings**.

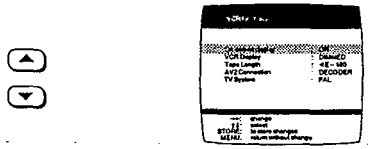
On Screen Display



2 Select **VCR functions**.



3 Select **On screen display**.



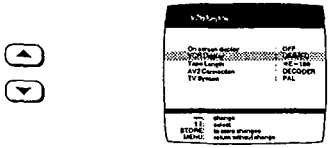
4 Select **ON** or **OFF**.

ON: The On Screen Display will appear on the TV screen by pressing **OSD**.
OFF: The On Screen Display will not appear even if **OSD** is pressed.

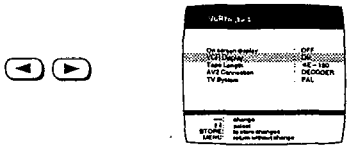
VCR Display

1 Select **VCR Display**.

On Screen Display



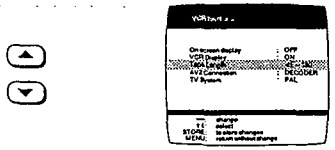
2 Select **ON**, **OFF** or **DIMMED**.



ON: When VCR is turned off, the characters are lit in the VCR display.
OFF: When VCR is turned off, the characters are *not lit in the VCR display.*
DIMMED: When VCR is turned off, the characters are dimmed in the VCR display.

To select the Corresponding Cassette Tape Length for Displaying the Approximate Remaining Tape Time

1 Select **Tape Length**.



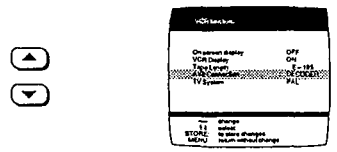
2 Select the corresponding cassette tape length.

◀ E-180: For E30, -60, -90, -120 and -180 tapes.
E-195: For E195 tape.
E-240: For E240 tape.
E-260 ▶: For E260 and -300 tapes.

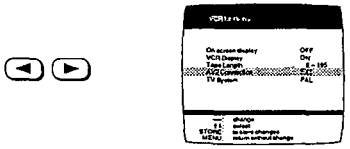
- The times displayed may differ depending on the tape used.

AV2 Connection

1 Select **AV2 Connection**.



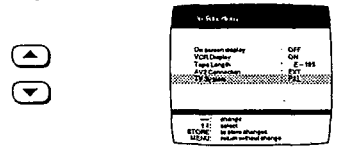
2 Select **EXT** or **DECODER**.



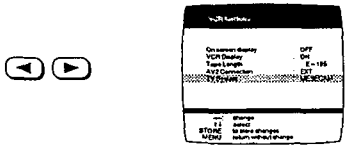
EXT: When another VCR is connected to the AV2 (DECODER/EXT) socket.
DECODER: When the decoder is connected to the *AV2 (DECODER/EXT) socket.*

To set the Colour TV System

1 Select **TV System**.



2 Select **PAL** or **MESECAM**.



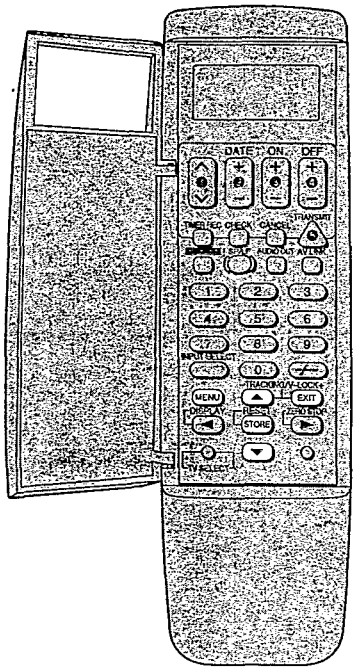
- Set according to the colour TV system used during playback or external recording.

After All Settings are selected

Press **STORE**, and then press **EXIT** to make On Screen Display disappear.

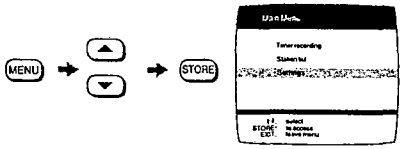
Language-Selection

To change the language setting for On Screen Display, follow the steps bellow.

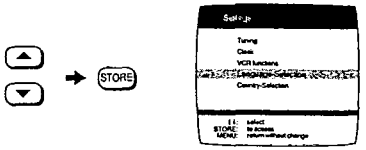


1 Press **MENU**, and then select **Settings**.

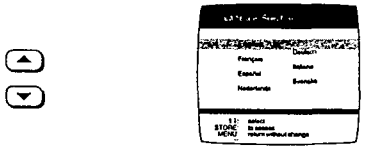
On Screen Display



2 Select **Language-Selection**.



3 Select the desired language.

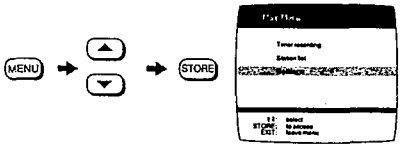


4 Press **STORE**, and then press **EXIT**.

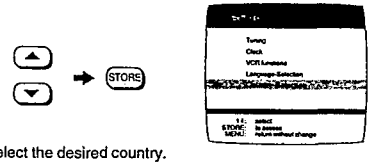
Country-Selection

To change the country setting, follow the steps bellow.

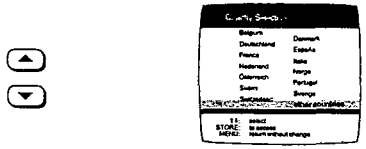
1 Press **MENU**, and then select **Settings**.



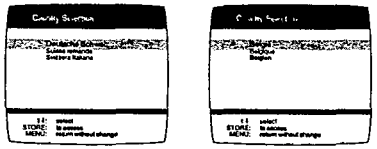
2 Select **Country-Selection**.



3 Select the desired country.



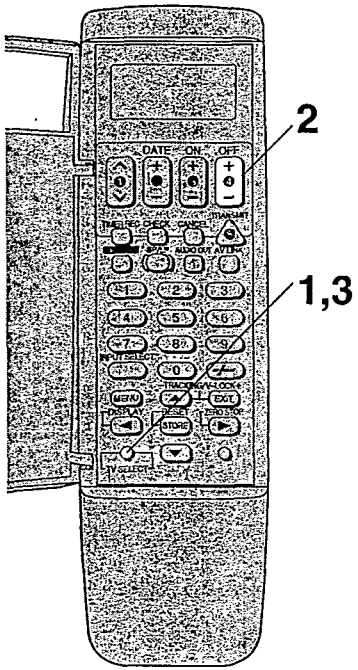
- When Switzerland or Belgium has been selected, operation moves to the screen which follows.



4 Press **STORE**, and then press **EXIT**.

Setting the Remote Controller for Operation of your TV

You can operate some TV manufacturers (see next page) using the supplied Remote Controller after this setting up.



Preparation

Turn on the TV.

Operations	Display Symbols
1 Keep **TV SELECT** pressed for more than 2 seconds.	
2 Press **OFF** several times.	
• When the number matches the manufacturer of your TV, the TV's power is turned off. **Read through the information on the following page as well.**	
3 Press **TV SELECT**.	

How to change the number

Each time the "+" side of **OFF** is pressed, the number is counted up by one as follows:

→1→2→3...28→

When the "−" side is pressed, the number is counted down by one in the reverse order to that indicated above.

Note:

Some TV models cannot be operated using this remote controller.

Number	Manufacturer
1–4	Panasonic
5	GRUNDIG, Blaupunkt, SIEMENS
6	PHILIPS, LOEWE, SAMSUNG, RADIOLA, DUAL, PYE, BUSH, GOODMANS, ELEMIS, CURTIS, SBR
7	SONY
8	METZ
9*	FERGUSON, THOMSON, TELEFUNKEN, GOODMANS, SABA
10*	FERGUSON, THOMSON, TELEFUNKEN, GOODMANS
11*	FERGUSON, THOMSON, TELEFUNKEN, GOODMANS, SABA
12*	FERGUSON, TELEFUNKEN, GOODMANS, SABA
13*	TELEFUNKEN
14*	FERGUSON, THOMSON, TELEFUNKEN, GOODMANS, SABA
15*	FERGUSON, THOMSON, TELEFUNKEN, GOODMANS, SABA, NORDMENDE, BRANDT
16*	TELEFUNKEN
17, 18	HITACHI
19	SIEMENS
20	SAMSUNG
21	ITT, NOKIA, SELECO
22	NOKIA, SALORA
23	MIVAR
24	TOSHIBA
25	SANYO
26	SHARP
27	JVC
28	MITSUBISHI

When a TV manufacturer has the plural number
For example, When the number is 1, 2, 3 or 4 (Panasonic):
When the TV's power is turned off in step **2** on previous page, turn it back on and adjust the TV's volume using this remote controller. The volume can be adjusted if the number matches the TV manufacturer. If it is not possible to adjust the TV's volume, try setting the number (1 to 4) to match the TV manufacturer again until the volume can be adjusted.

***When the number is 9–16**
How to change the programme position of TV:

1 Press ∧ **(TV)** to make **POS** appear on screen display.

2 Press **VOLUME** + or −.
- To adjust the TV's volume using the remote controller after that, press ∧ **(TV)** to make **POS** on screen display disappear and then adjust the volume. For some models, **POS** disappears automatically after several seconds. In these cases, this operation is not necessary.

Note:
FERGUSON, THOMSON, TELEFUNKEN, GOODMANS, SIEMENS, SAMSUNG, NOKIA and SABA have plural numbers. Although some models may operate with any of these numbers, other models may operate with only one number. Check each number in turn, and set the optimal number.

Precautions

Please read these cautions before you operate this VCR.

Avoid Sudden Changes in Temperature

If the VCR is suddenly moved from a cold place to a warm place, condensation may form on the tape and inside the VCR.

Humidity and Dust

Avoid places where there is high humidity or much dust, *which may cause damage to internal parts.*

Do Not Obstruct the Ventilation Holes

The ventilation holes prevent abnormal increase in temperature. Do not block or cover these holes. Especially avoid covering the holes with soft materials such as cloth or paper.

Keep away from High Temperature

Keep the VCR away from extreme direct heat such as direct sunlight, heating radiators, or closed automobiles.

Keep Magnets away

Never bring a magnet or magnetized object near the VCR because it will adversely affect the performance of the VCR.

No Fingers or Other Objects Inside

Touching internal parts of this VCR is dangerous, and may cause serious damage to the VCR. Do not attempt to disassemble the VCR. There are no user serviceable parts inside.

Keep Water away

Keep the VCR away from flower vases, tubs, sinks, etc.
CAUTION: If liquids are spilled into the VCR, serious damage could occur. If you spill any liquid into the VCR, consult qualified service personnel.

Lightning

To avoid damage by lightning, disconnect the aerial plug from the VCR.

Cleaning the VCR

Wipe the VCR with a clean, dry cloth. Never use cleaning fluid, or other chemicals. And do not use compressed air to remove dust.

Stacking

Place the VCR in a horizontal position, and do not place anything heavy on it.

Video Head Clogging

The video heads place picture signals on the tape during recording and read picture signals from the tape during playback and they are, therefore, of critical importance for the picture quality. If the VCR is used over extremely long periods of time, these heads may become dirty and clogged. In such a case, the signals can no longer be recorded correctly, and the playback picture will be distorted accordingly. This is the case, for example, during the playback of a tape, the sound is reproduced normally, but no picture is seen, or the picture is greatly distorted. When such a symptom case occurs have the recorder checked by qualified service personnel.

If Dew Condensation Forms in the VCR

Condensation may form in the VCR if:
- The VCR is in a room where the heater has just been turned on.
- The VCR is in a room with steam or high humidity.
- The VCR is brought from cold surroundings into a well-heated room.
- The VCR is suddenly brought from cool surroundings, such as an air-conditioned room or car, to a place which is hot and humid.

Note:
Do not operate the VCR for at least 1 hour if any of the above conditions occur.
This VCR does not incorporate a dew sensor.

SECTION 2
ADJUSTMENT PROCEDURES

2-1. DISASSEMBLY METHOD

2-1-1. DISASSEMBLY FLOW CHART

This flow chart indicates disassembly steps of the cabinet parts and the circuit boards in order to find the necessary items for servicing.
When reassembling, perform the steps in the reverse order.

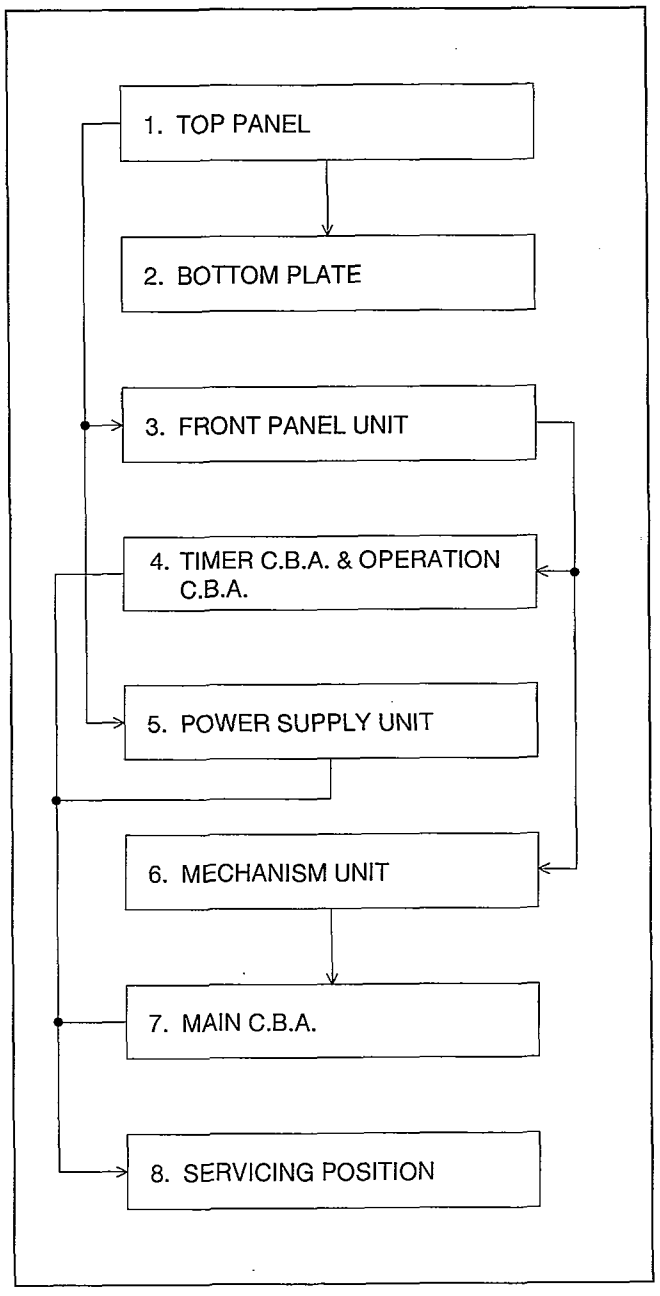


Fig. D1

2-1-2. DETAIL OF DISASSEMBLY METHOD

1. REMOVAL OF THE TOP PANEL

Remove..... 4 Screws (A)

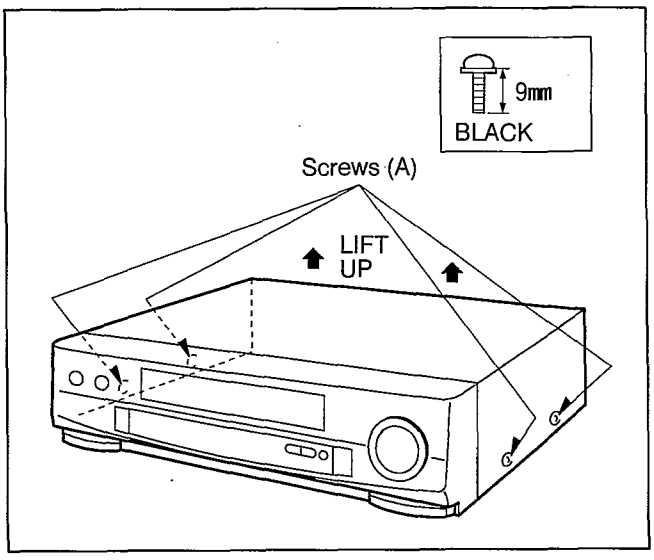


Fig. D2

2. REMOVAL OF THE BOTTOM PLATE

Unlock ..... 6 tabs (B)

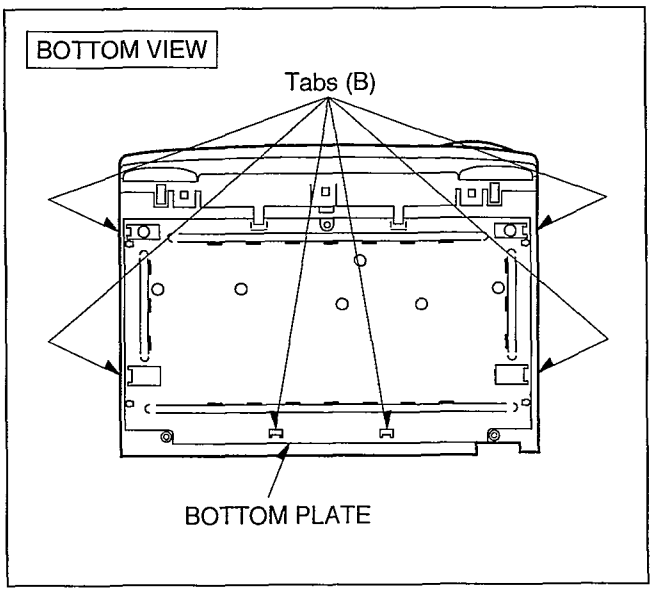


Fig. D3

3. REMOVAL OF THE FRONT PANEL UNIT

Unlock ..... 11 Tabs (C)

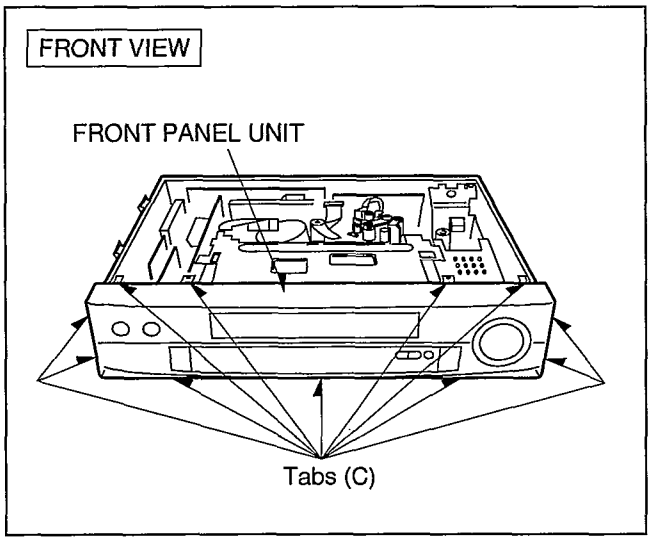


Fig. D4

4. REMOVAL OF THE TIMER C.B.A. & OPERATION C.B.A.

REMOVAL OF THE TIMER C.B.A.
Disconnect.....Bridge connector (D)
Unlock..... 5 Tabs (E)

REMOVAL OF THE VR C.B.A.
Disconnect.....Bridge connector (D)
Unlock..... 2 Tabs (F)

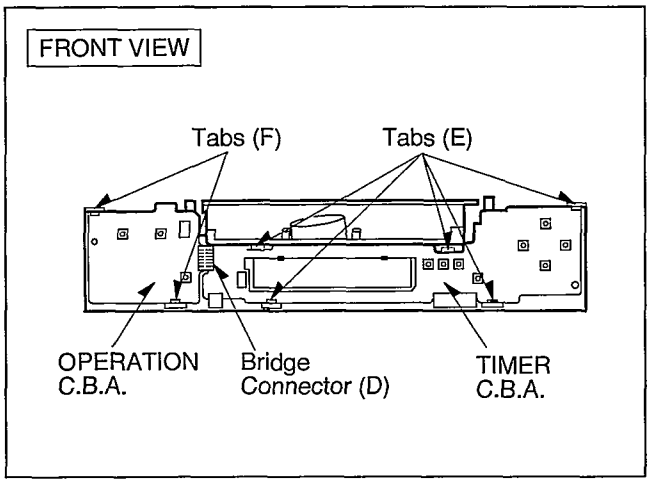


Fig. D5

5. REMOVAL OF THE POWER SUPPLY UNIT

Disconnect.....Bridge connector (G)
Unlock..... 5 Tabs (H)
Unlock..... 2 Tabs (I)

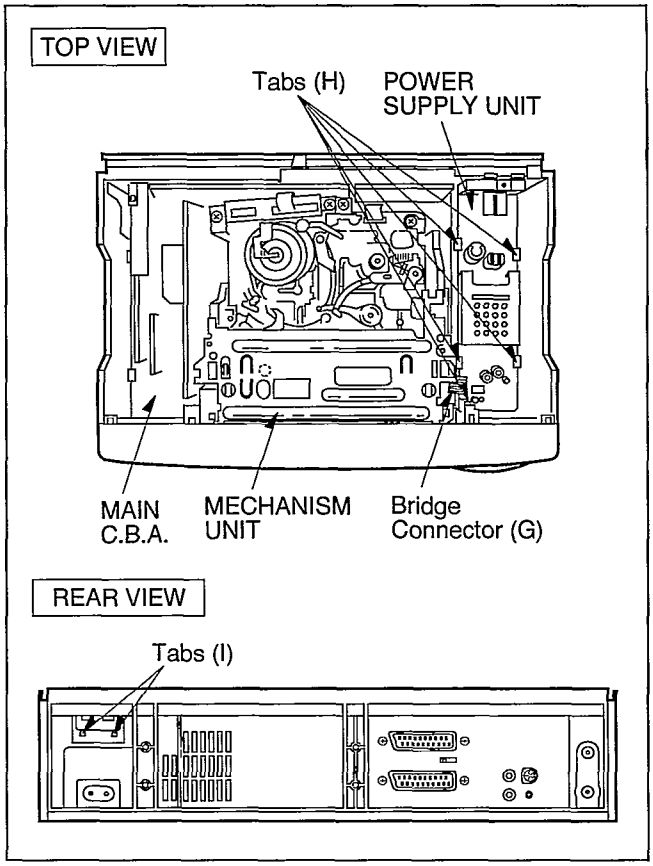


Fig. D6

CAUTIONS:
Please pay an attention to disconnect the connector (PS3006-P1102) which connected between Main C.B.A. and Power supply unit as shown below.

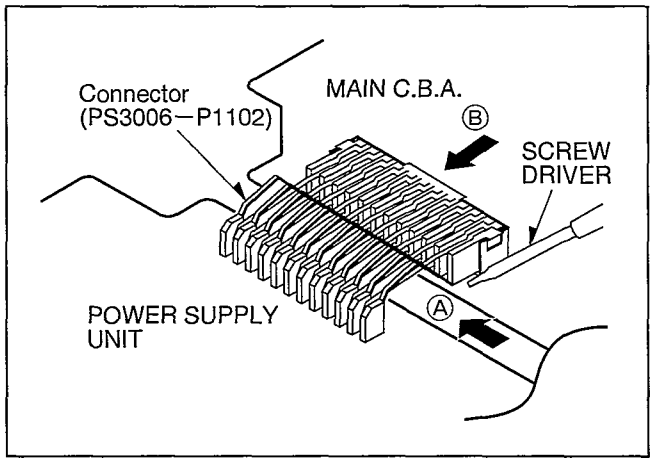


Fig. D7

As above drawing, disconnect the connector by SCREW DRIVER from the direction Ⓐ.
Do not disconnect from direction Ⓑ because it is possibility to damage the parts located by the connector.

6. REMOVAL OF THE MECHANISM UNIT

Remove ..... 3 Screws (J)
Remove ..... Screw (K)

7. REMOVAL OF THE MAIN C.B.A.

Disconnect ... Bridge connector (G) [Fig. D6]
Remove ..... 2 Screws (L)
Unlock..... 5 Tabs (M)

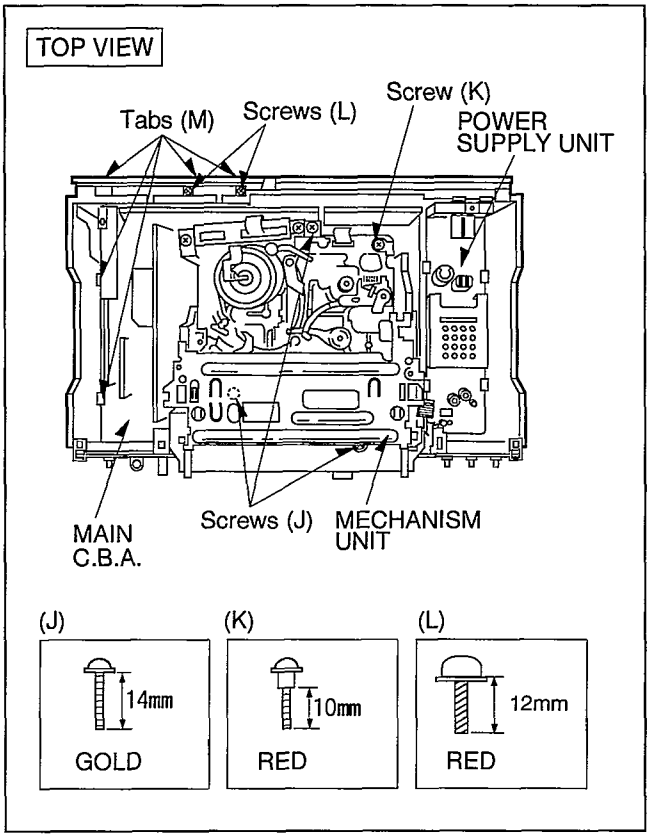


Fig. D8

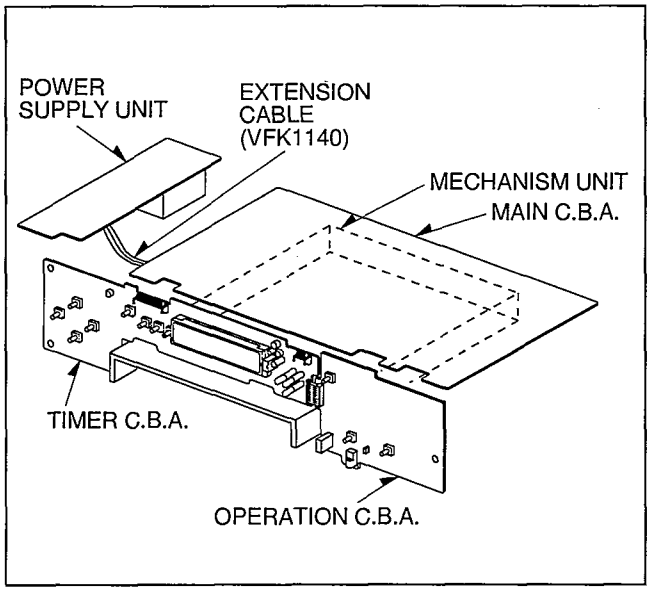


Fig. D9

2-2. MECHANICAL ADJUSTMENT PROCEDURES

The mechanical chassis of this model is the K Mechanical Chassis.
Therefore refer to the Service Manual for K Mechanical Chassis. (Order No. VRD9307M131)

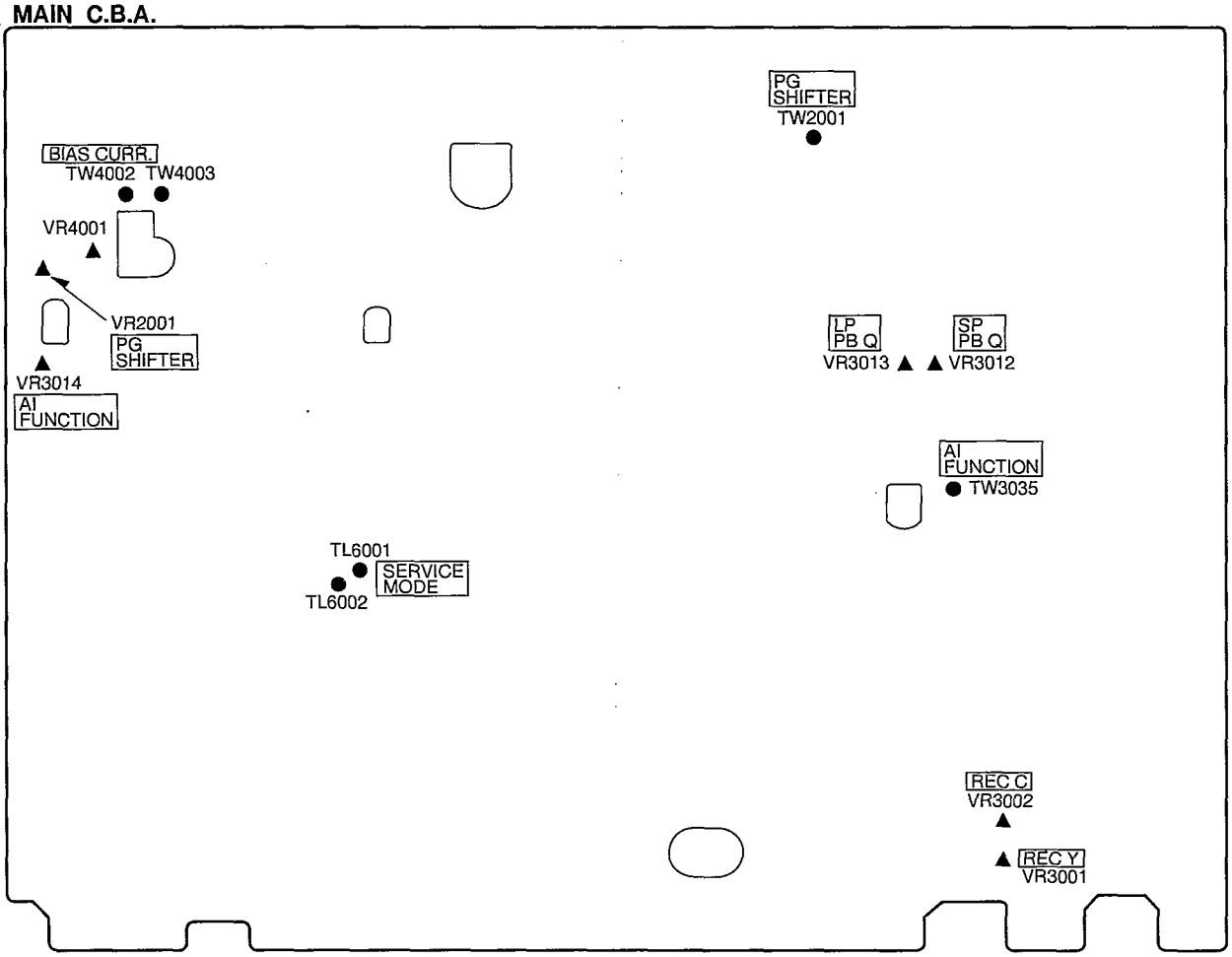
CAUTIONS:

To make a Adjustment Mode for Tape Interchangeability, there are two ways to turn off the Auto Tracking.

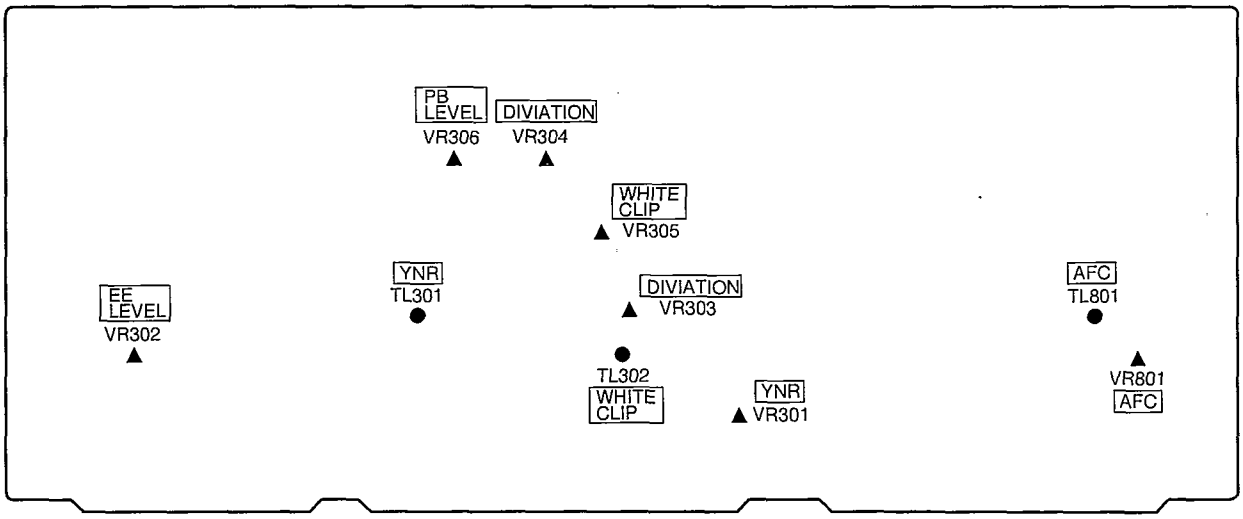
(1) Connect a jumper wire between TL6001 and TL6002. After finishing the adjustment, disconnect the jumper wire.
(2) Press the FF, REW and EJECT button to set the Service Mode 2.

LOCATION OF TEST POINTS & CONTROLS

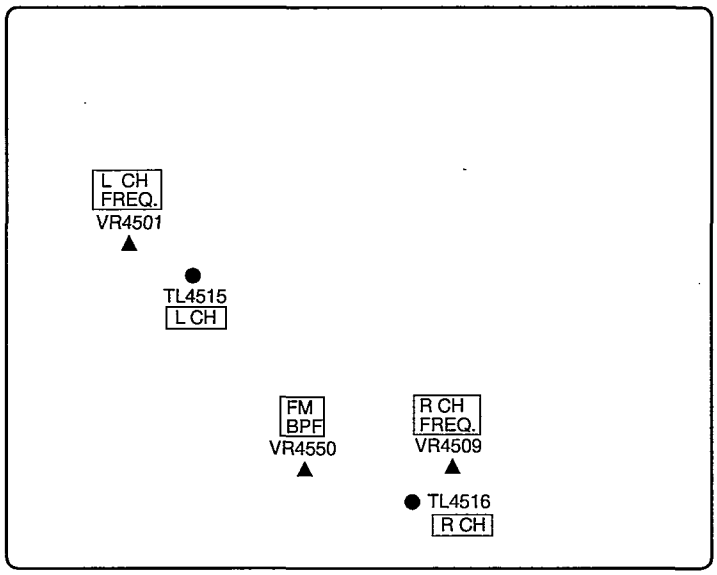
MAIN C.B.A.



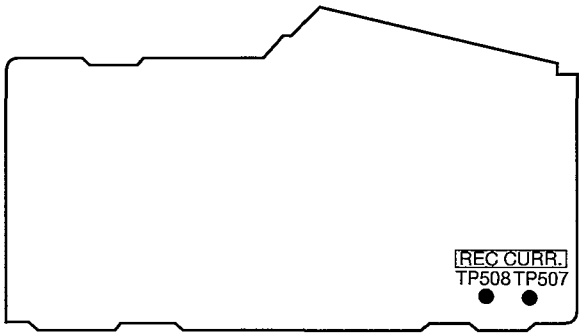
LUMINANCE & CHROMINANCE PACK C.B.A.



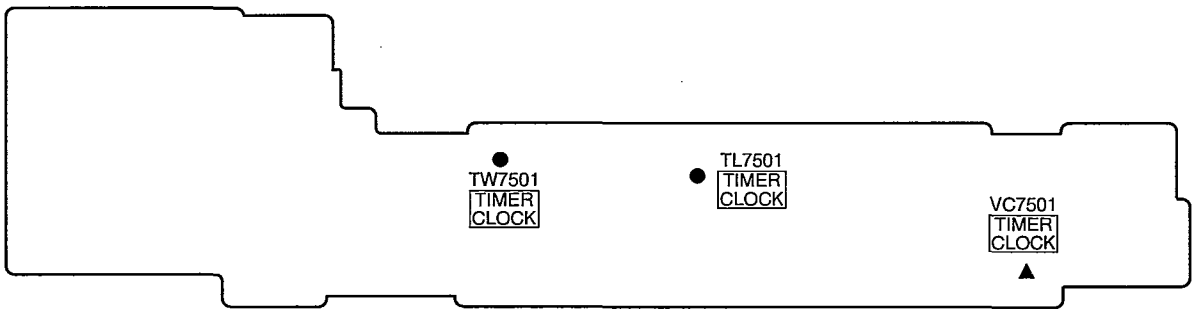
Hi-Fi AUDIO PACK C.B.A.



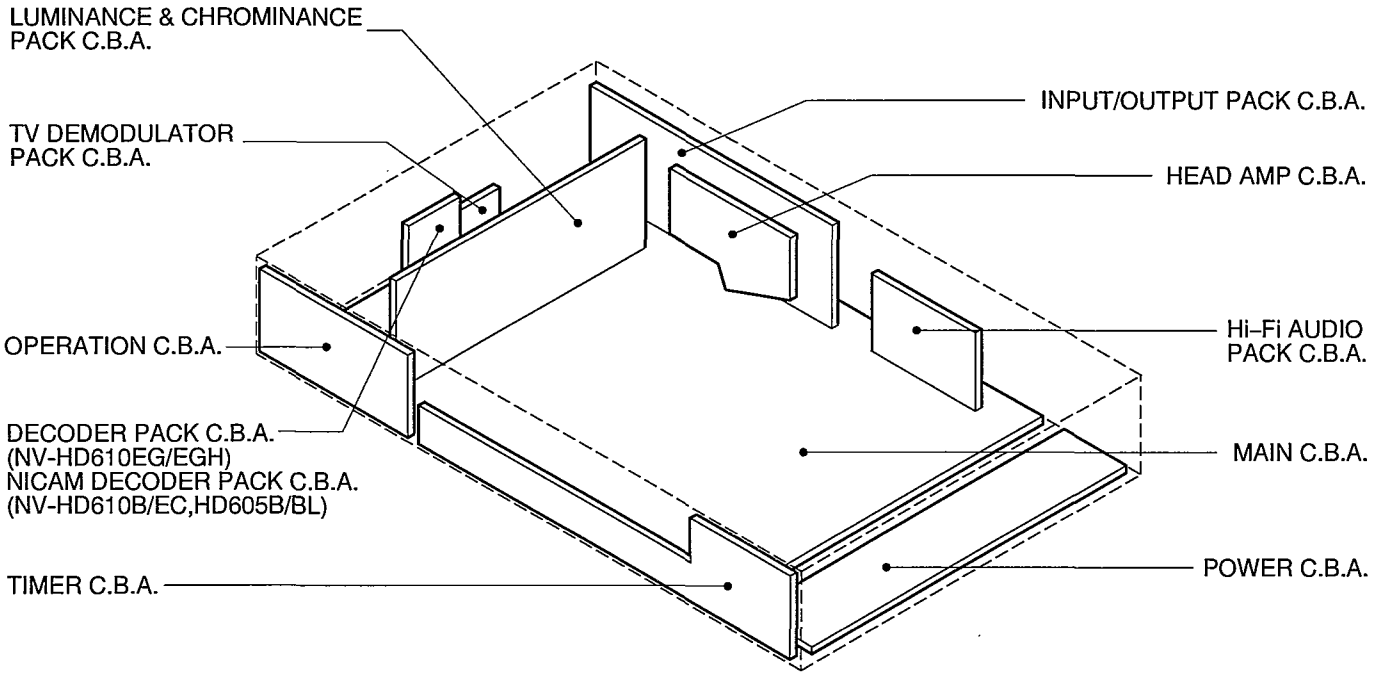
HEAD AMP C.B.A.



TIMER C.B.A.



CIRCUIT BOARD LAYOUT



2-3. ELECTRICAL ADJUSTMENT PROCEDURES

2-3-1. TEST EQUIPMENT

The following equipments are required for Electrical Adjustments.

1. Dual-Trace Oscilloscope • Voltage Range: 0.005~5 V/div • Frequency Range: DC~35 MHz • Probes: 10:1/1:1	3. Universal Counter	8. Monitor TV
	4. Digital Volt Meter (D.V.M.)	9. DC Power Supply
	5. Video Sweep generator	10. VHS Blank tape
2. Frequency Counter • Frequency Range: 0~10 MHz • Probes: 1:1	6. Sinewave Generator	11. VHS Alignment Tape • Part No.: VFJ8125H3F (PAL) • Part No.: VFM8080HQFP (NTSC)
	7. Video Pattern Generator	

2-3-2. VCR SETTING

When no indication in the procedure, set each selector as follows.

1. CVC SW: ON
2. TAPE SPEED: SP
3. CHANNEL: AV1/AV2 (Set to signal input terminal number)
4. TEST SIGNAL SW (REAR): OFF

2-3-3. ADJUSTMENTS

ITEM	TP	ADJ.	MODE	INPUT	TAPE	M. EQ.	SPEC.	REMARKS
PG SHIFTER ADJUSTMENT	TW2001/ VIDEO OUT	VR2001	PLAYBACK	—	ALIGNMENT TAPE	OSCILLO SCOPE	7.0+−0.5 (H) (See Fig. E1)	
RECORDING CURRENT ADJUSTMENT	TP507 (HOT) TP508 (CLD)	VR3001 (Y) VR3002 (C)	RECORDING	PAL COLOUR BAR	BLANK TAPE	OSCILLO SCOPE	Y: 130+−5 (mVp-p) C: 32+−2 (mVp-p) (See Fig. E2, E3)	1. Adjust the Luminance level until the peak level of V-SYNC is 130+−5mVp-p. 2. When adjusting the Chrominance level, supply +5V DC to PP3001-6 to eliminate Luminance component.
VIDEO FREQUENCY RESPONSE ADJUSTMENT	VIDEO OUT	VR3012 (SP) VR3013 (LP)	SP/LP PLAYBACK (SELF-REC)	VIDEO SWEEP	BLANK TAPE	OSCILLO SCOPE/ VIDEO SWEEP GENE.	SP: 0+−1 (dB) (90~110%) LP: 0+−1 (dB) (90~110%) (See Fig. E5)	1. Set the Video Sweep Signal. (See Fig. E4) 2. Set the CVC SW to OFF position.
EE LEVEL ADJUSTMENT	VIDEO OUT	VR302	STOP	PAL COLOUR BAR	—	OSCILLO SCOPE	Y: 2.0+−0.1 (Vp-p) (See Fig. E6)	
WHITE CLIP ADJUSTMENT	IC302-80 (TL302)	VR305	RECORDING	PAL COLOUR BAR	—	OSCILLO SCOPE	WHITE CLIP LEVEL: 185+−3% (See Fig. E7)	
PLAYBACK LEVEL ADJUSTMENT	VIDEO OUT	VR306	PLAYBACK	—	ALIGNMENT TAPE	OSCILLO SCOPE	Y: 2.0+−0.1 (Vp-p) CYAN: 1.1+−0.3 (Vp-p) (See Fig. E8)	

ITEM	TP	ADJ.	MODE	INPUT	TAPE	M. EQ.	SPEC.	REMARKS
DEVIATION ADJUSTMENT	VIDEO OUT	VR303 VR304	PLAYBACK (SELF-REC)	PAL COLOUR BAR	BLANK TAPE	OSCILLO SCOPE	Y: 2.0+−0.1 (Vp-p) (VIDEO: SYNC=70:30) (See Fig. E9)	1. Before this adjustment, the PLAYBACK LEVEL ADJUSTMENT must be done. 2. Record the colour bar signal and adjust VR303 and VR304 during recording. 3. Playback the just recorded portion and confirm the playback Y-signal level is 2.0+−0.1Vp-p. 4. If the signal level is out of the spec, repeat 2 and 3 until the signal level is the spec.
YNR ADJUSTMENT	IC302-71 (TL301) (See Fig. E10)	VR301	STOP	PAL COLOUR BAR	BLANK TAPE	OSCILLO SCOPE	WAVEFORM IS MINIMUM (See Fig. E11)	
AFC FREERUN ADJUSTMENT (NV-HD610B ONLY)	IC801-9 (TL801)	VR801	STOP	—	—	FREQ. COUNTER	15735+−100 (Hz)	1. Supply +5V DC to IC801-27 (TL807). 2. Turn VR801 to maximum frequency, then adjust VR801 until the spec.
AI FUNCTION ADJUSTMENT	TW3035	VR3014	PLAYBACK (SELF-REC)	PAL COLOUR BAR	BLANK TAPE	D.V.M.	2.5+−0.3 (V)	
BIAS CURRENT ADJUSTMENT	TW4002 (HOT) TW4003 (CLD)	VR4001	RECORDING	—	BLANK TAPE	D.V.M.	2.5+−0.1 (mVrms)	1. Connect the Audio Input and GND.
CARRIER FREQUENCY ADJUSTMENT	TL4515 (L) TL4516 (R)	VR4501 VR4509	RECORDING	—	BLANK TAPE	FREQ. COUNTER	L: 1400+−0.003 (KHz) R: 1800+−0.003 (KHz)	
FM BPF ADJUSTMENT	TL4515 (L) TL4516 (R)	VR4550	PLAYBACK	SINEWAVE 1.608MHz 400mVp-p (PK4002-5)	ALIGNMENT TAPE	OSCILLO SCOPE/ SINEWAVE GENE.	TL4515 (L)=TL4516 (R)	1. Disconnect P501. 2. The GND lead of oscilloscope must be connected to GND on HIFI Audio C.B.A. to reduce the nise. 3. Supply the sinewave signal (1.608MHz/400mVp-p) to PK4002-5. 4. After this adjustment, connect P501.
TIMER REFERENCE CLOCK ADJUSTMENT	TL7501 (TW7501)	VC7501	STOP	—	—	UNIV. COUNTER	7812.5+−0.015 (usec)	

Fig. E1

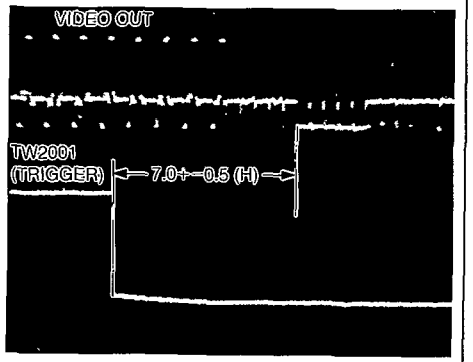


Fig. E2

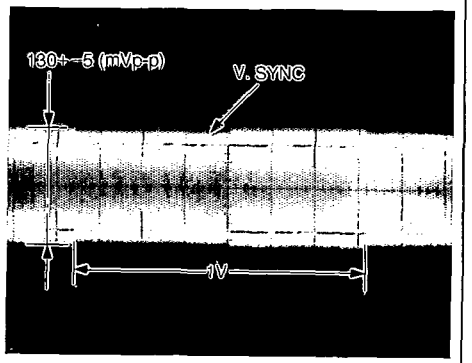


Fig. E3

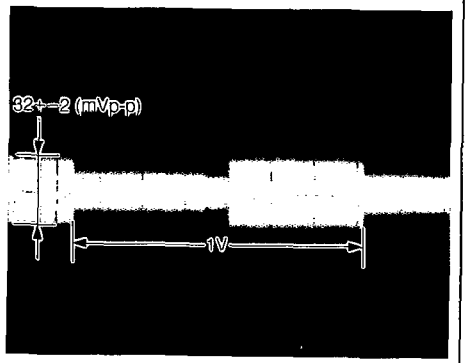
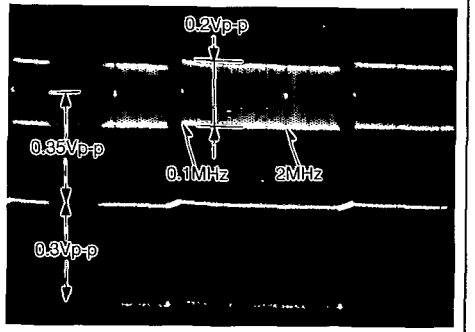


Fig. E4



CONDITION: BURST SIGNAL OFF
75 ohm TERMINATED

Fig. E5

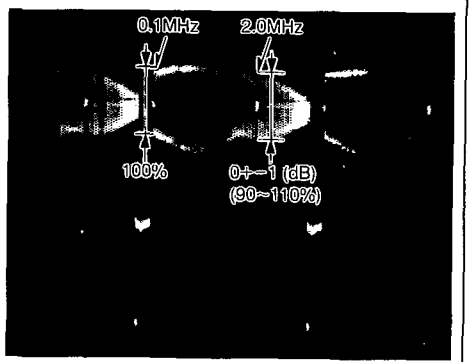


Fig. E6

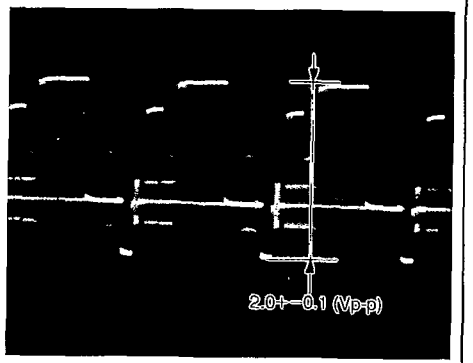


Fig. E7

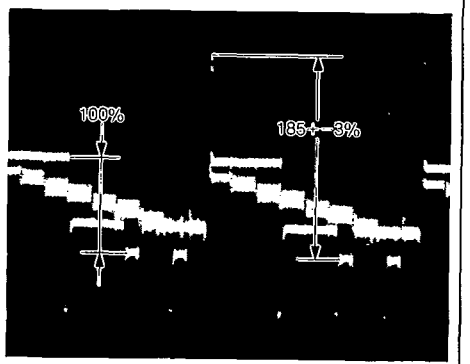


Fig. E8

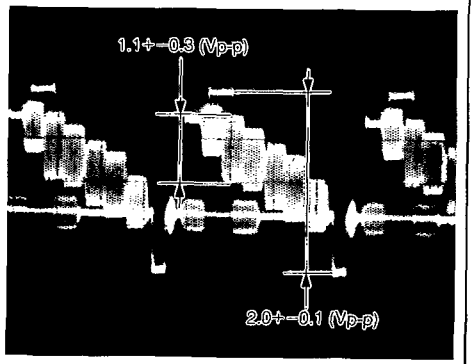


Fig. E9

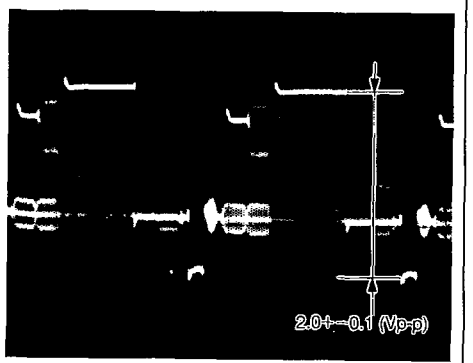


Fig. E10

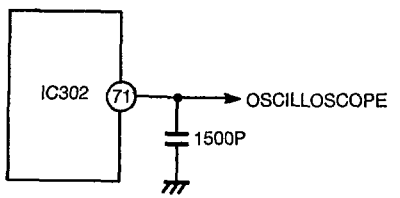
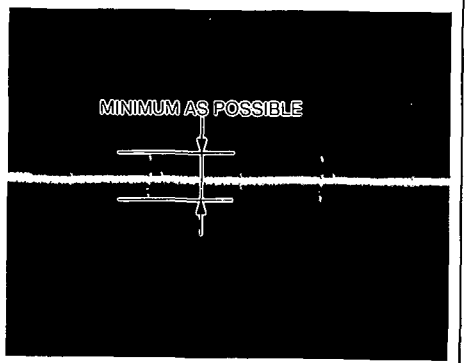


Fig. E11



SECTION 3
BLOCK DIAGRAMS & SCHEMATIC DIAGRAMS

3-1. ABBREVIATIONS

443NT [L]	4.43 NTSC Ⓛ	BIL	BILINGUAL
A. COMP	AUDIO COMPONENT SIGNAL	BIL [L]	BILINGUAL Ⓛ
A. COMPO	AUDIO COMPONENT SIGNAL	BIL. [H]	BILINGUAL Ⓗ
A. D.P [L]	AUDIO DUBBING PAUSE Ⓛ	BIL/M1 [L]	BILINGUAL Ⓛ
A. D/L [L]	AUDIO DUBBING PAUSE Ⓛ	BS CLOCK	BS CLOCK
A. DEF [S]	AUDIO DEFEAT	BS DATA	BS DATA
A. DEF [S] [L]	AUDIO DEFEAT	BS LCH IN	BS L CHANNEL INPUT
A. DUB P [L]	AUDIO DUBBING PAUSE Ⓛ	BS MIX [H]	BS MIX Ⓗ
A. DUB [H]	AUDIO DUBBING Ⓗ	BS MON [H]	BS MONITOR Ⓗ
A. ERASE	AUDIO ERASE	BS MONI [H]	BS MONITOR Ⓗ
A. H. SW	AUDIO HEAD SWITCHING PULSE	BS RCH IN	BS R CHANNEL INPUT
A. HEAD [R]	AUDIO HEAD (REC)	BS VIDEO	BS VIDEO SIGNAL
A. HEAD [W]	AUDIO HEAD (PLAY)	BS VIDEO/BS1	BS VIDEO SIGNAL
A. IN [L]	AUDIO INPUT (L)	BS [H]	BS Ⓗ
A. IN [R]	AUDIO INPUT (R)	BS. LEVEL	BS LEVEL
A. MUT [H]	AUDIO MUTE Ⓗ	BS. M [H]	BS MONITOR Ⓗ
A. MUTE [H]	AUDIO MUTE Ⓗ	BS/VTR [H]	BS/VTR Ⓗ
A. OUT [L]	AUDIO OUTPUT (L)	BUS CLK	BUS CLOCK
A. OUT [R]	AUDIO OUTPUT (R)	BUS LSN	BUS LISTEN
A. RF OUT	AUDIO RF SIGNAL OUTPUT	BUS TLK	BUS TALK
A/VS/S. DATA	AV SW/SERIAL DATA	BUZZER	BUZZER
AC ONLINE	AC ONLINE	CAP EC	CAPSTAN TORQUE CONTROL
AC. O/EE. H	AC ONLINE/EE Ⓗ	CAP M GND	CAPSTAN MOTOR GND
AFC S C	AFC S CURVE	CAP. ET	CAPSTAN TORQUE CONTROL
AFC [S]	AFC S CURVE	CAP. FG1	CAPSTAN FG1 PULSE
AFC. DEF	AFC DEFEAT	CAP. FG2	CAPSTAN FG2 PULSE
ARFC OUT	AUDIO RF SIGNAL OUTPUT	CAS. SW	CASSETTE SW
ART. V	ARTIFICIAL VERTICAL SYNC SIGNAL	CCN	PLAYBACK CONTROL SIGNAL (−)
ART. V. MM	ARTIFICIAL VERTICAL SYNC SIGNAL MONO MULTI	CCP	PLAYBACK CONTROL SIGNAL (+)
		CHM	CONTROL SIGNAL (+)
ART. V/H/N	ARTIFICIAL VERTICAL SYNC SIGNAL Ⓗ/NORMAL	CHP	CONTROL SIGNAL (−)
		CINEM [L]	CINEMA Ⓛ
AT. V/H/N	ARTIFICIAL VERTICAL SYNC SIGNAL	CINEMA [L]	CINEMA Ⓛ
ATSW/TEST/NOR/SE	TEST/NORMAL/SERVICE	CINEMA/MIX	CINEMA/MIX
AUDIO IN [L]	AUDIO INPUT (L)	CKL	RATCH LOCK
AUDIO IN [R]	AUDIO INPUT (R)	CKS	SHIFT LOCK
AUDIO OUT [L]	AUDIO OUTPUT (L)	CL	CLOCK
AUDIO OUT [R]	AUDIO OUTPUT (R)	CLK	CLOCK
AUDIO SELECT [H]	AUDIO SELECT Ⓗ	CLK (C.G)	CLOCK
AUDIO. L	AUDIO (L)	CLOCK. IN	CLOCK INPUT
AUDIO. R	AUDIO (R)	CLP	CLAMP
AV CNT	AV CONTROL	COL/B/W/NOR	COLOUR/BLACK & WHITE/NORMAL
AV CTL	AV CONTROL	COLOR [H]	COLOUR Ⓗ
AV CTL/S. CLK	AV CONTROL/SERIAL CLOCK	CONV	CONVERTOR
AV. C.M.	AV CONTROL MODE	CS	CHIP SELECT
AVCNT/METER. R	AV CONTROL/LEVEL METER (R)	CTL GND	CONTROL GND
AVSW/METER. L	AV SW/LEVEL METER (L)	CTL HEAD [+]	CONTROL HEAD (+)
B MODE. H	B MODE Ⓗ	CTL HEAD [−]	CONTROL HEAD (−)
B.G.P	BURST GATE PULSE	CTL [+]	CONTROL HEAD (+)
BACKUP 5V	BACK UP 5V	CTL [−]	CONTROL HEAD (−)
BAND. U.E.	BAND U	CUE BIAS	CUE BIAS
BANDVL. D	BAND VL	CURRENT LIM	CURRENT LIMMITER
BI/MI [L]	BILINGUAL/MIX Ⓛ	CYL ET	CYLINDER TORQUE CONTROL

CYL GND	CYLINDER GND	FULL. E. 12V	FULL ERASE 12V
D.F.M. REC [H]	DELAIED FM RECORDING Ⓗ	GND [A]	GND (ANALOG)
D. FM REC [L]	DELAIED FM RECORDING Ⓛ	GND [TU]	GND (TUNER)
D. GND	DIGITAL GND	GND/N. SW. 12V	GND/NON SW 12V
D. REC [H]	DELAYED RECORDING Ⓗ	H. SYNC	HORIZONTAL SYNC
D4/S. LED	D4/STILL LED	H. AMP. SW	HEAD AMP SW PULSE
D4/STILLED	D4/STILL LED	H. P <R>	HEAD PHONE (R)
DAC [CLK]	TUNER DAC (CLOCK)	H. P <L>	HEAD PHONE (L)
DAC/FSCS	TUNER DAC/FS CHIP SELECT	H. P GND	HEAD PHONE GND
DAREC [H]	DELAYED AUDIO RECORDING Ⓗ	H. P OUT [L]	HEAD PHONE OUTPUT (L)
DATA	DATA	H. P OUT [R]	HEAD PHONE OUTPUT (R)
DECODER [L]	DECODER (L)	H. SW	HEAD SW PULSE
DECODER [R]	DECODER (R)	HEAD PHONE [L]	HEAD PHONE (L)
DEW	DEW	HEAD PHONE [R]	HEAD PHONE (R)
DEW SNS	DEW SENSOR	HEAD SW	HEAD SW
DFMRE [H]	DELAYED FM AUDIO RECORDING Ⓗ	HEATER [+]	HEATER (+)
E. REC 5V	EXCEPT RECORDING 5V	HEATER [−]	HEATER (−)
EC	ERROR TORQUE CONTROL	HSS	HORIZONTAL SYNC SIGNAL
ECR	ERROR TORQUE CONTROL REFERENCE VOLTAGE	HTR [+]	HEATER (+)
		HTR [−]	HEATER (−)
EDT TRIG [L]	EDIT TRIGGER Ⓛ	I RFE	REFERENCE CURRENT
EDIT [H]	EDIT Ⓗ	ICL	CONTROL AGC CIRCUIT
EE [H]	EE Ⓗ	IF	INTERMEDIATE FREQUENCY
EE [H]/INS [M]	EE Ⓗ/INSERT Ⓜ	IN SELA1	INPUT SELECT A1 POSITION
EE. VV. TR	EE/VV/TRICK PLAY	IN SELA2	INPUT SELECT A2 POSITION
EJECT. PO	EJECT POSITION	IN SELA3	INPUT SELECT A3 POSITION
EJECT/VDET	EJECT/REVERSE SLOW LOCK	INS L/R [L]	INSERT Lch/Rch Ⓛ
ENV. SEL	ENVELOPE SELECT	INS. [H]	INSERT Ⓗ
ENVE. OUT	ENVELOPE OUTPUT	INSEL A1	INPUT SELECT A1 POSITION
ENVE. SEL	ENVELOPE SELECT	INSEL A2	INPUT SELECT A2 POSITION
ENV SELECT	ENVELOPE SELECT	INSERT	INSERT
EP [H]	LP Ⓗ	INSERT [H]	INSERT Ⓗ
EP/LP [H]	LP Ⓗ	IO CS	INPUT/OUTPUT CHIP SELECT
EP/LP/SP	LP/SP	JOG1	JOG1
EP/SS [H]	LP/SLOW/STILL/STOP Ⓗ	JOG S3 LED/FOWRD	JOG LED/FORWARD LED
EPROMCS	EPROM CHIP SELECT	JOG/F. LED	JOG LED/FORWARD LED
EX. REC 5V	EXCEPT RECORDING 5V	JSB [H]	JSB Ⓗ
FF/REW [L]	FIRST FORWARD/REWIND Ⓛ	JST. CLCK	JUST CLOCK
FG1 IN	FG1 PULSE INPUT	JST. CLK	JUST CLOCK
FG2 IN	FG2 PULSE INPUT	JST. CLOCK	JUST CLOCK
FILTER ADJUSTMENT	FILTER ADJUSTMENT	L. OUT	Lch OUTPUT
FLY ERASE [H]	FLYING ERASE HEAD ON Ⓗ	L. CH [H]	Lch Ⓗ
FLY ON [H]	FLYING ERASE HEAD ON Ⓗ	L. CH [L]	Lch Ⓛ
FLY. E [H]	FLYING ERASE HEAD ON Ⓗ	LED (MAIN)	LED (MAIN)
FM MUT [H]	FM AUDIO MUTE Ⓗ	LED (STEREO)	LED (STEREO)
FM MUTE [H]	FM AUDIO MUTE Ⓗ	LED (SUB)	LED (SUB)
FM OUT [L]	FM OUTPUT (L)	LED CKL	LED SERIAL CLOCK
FM OUT [R]	FM OUTPUT (R)	LED CKS	LED SERIAL CLOCK
FM PACK OUT [L]	FM PACK OUTPUT (L)	LED DATA	LED SERIAL DATA
FM PACK OUT [R]	FM PACK OUTPUT (R)	LINE IN 1 [L]	LINE INPUT 1 (L)
FM/BS SEL [L]	FM/BS SELECT (L)	LINE IN 1 [R]	LINE INPUT 1 (R)
FM/BS SEL [R]	FM/BS SELECT (R)	LINE IN 2 [L]	LINE INPUT 2 (L)
FS. CLK	FS CLOCK	LINE IN 2 [R]	LINE INPUT 2 (R)
FUL. E [H]	FULL ERASE HEAD ON Ⓗ	LINE IN V	LINE INPUT VIDEO
FULL. E [H]	FULL ERASE HEAD ON Ⓗ	LINE IN [L]	LINE INPUT (L)

LINE IN [R]	LINE INPUT (R)	P-OFF [H]	POWER OFF Ⓗ
LINE OUT [L]	LINE OUTPUT (L)	P-OFF [L]	POWER OFF Ⓛ
LINE OUT [R]	LINE OUTPUT (R)	P. FAIL	POWER FAILURE DETECT
LP [H]	LP Ⓗ	P. OFF [H]	POWER OFF Ⓗ
LPTRI [L]	LP TRICK PLAY Ⓛ	P. OFF [L]	POWER OFF Ⓛ
Lch/A. DUB	Lch/AUDIO DUBBING	PAL [H]	PAL Ⓗ
M GND	MOTOR GND	PAL [L]/NTSC [H]	PAL Ⓛ/NTSC Ⓗ
M REG	MOTOR REGULATOR	PB ADJ OUT	PLAYBACK ADJUST OUTPUT
MAIN OUT	MAIN OUTPUT	PB OUT	PLAYBACK OUTPUT
MAIN [L]	MAIN Ⓛ	PB. H	PLAYBACK Ⓗ
MAIN/MONO	MAIN/MONAURAL	PFG	PG/FG
MAX IN	MAXIMAM INPUT	PHOTSN +B	PHOTO SENSOR +B
MES [H]	MESECAM Ⓗ	PICT. CNT	PICTURE CONTROL
MESE [H]	MESECAM Ⓗ	PLAY LED/RVS LED	PLAY LED/REVERSE LED
MESE [L]	MESECAM Ⓛ	PLAY. PO	PLAY POSITION
METER 5V	LEVEL METER 5V	PLAY/R. LED	PLAY LED/REVERSE LED
METER [L]	LEVEL METER (L)	PLY/DEW	PLAY/DEW Ⓗ
METER [R]	LEVEL METER (R)	POWER OFF [L]	POWER OFF Ⓛ
METER. L/AVS	LEVEL METER (L)	PREROLL [H]	PREROLL Ⓗ
METER. R/AVC	LEVEL METER (R)	PWRFAIL	POWER FAILURE DETECT
MI/BI [L]	MIX Ⓗ/BILIGUAL	R. CH [H]	Rch Ⓗ
MIC GND	MIC GND	R. CH [L]	Rch Ⓛ
MIC IN	MIC INPUT	R. ST	RESET
MIC IN [L]	MIC INPUT (L)	R/S/F	REVERSE Ⓗ/STOP Ⓜ/FORWARD Ⓛ
MIC IN [R]	MIC INPUT (R)	RCH [H]	Rch Ⓗ
MIC [H]	MIC Ⓗ	REC 12V	RECORDING 12V
MIX [H]	MIX Ⓗ	REC CHROMA	RECORDING CHROMINANCE SIGNAL
MIX [H]/CINEMA [L]	MIX Ⓗ/CINEMA SOUND Ⓛ	REC H	RECORDING Ⓗ
MIX/CINE	MIX Ⓗ/CINEMA SOUND Ⓛ	REC IN	RECORDING INPUT
MIX/CINEMA [L]	MIX Ⓗ/CINEMA SOUND Ⓛ	REC OUT [L]	RECORDING OUTPUT Ⓛ
MN. H/M. L	MONAURAL Ⓗ/MAIN Ⓛ	REC START	RECORDING START
MN. H/MAI. L	MONAURAL Ⓗ/MAIN Ⓛ	REC VR [C]	RECORDING VOLUME (COMMON)
MN2/MES. L	MONAURAL 2/MESECAM Ⓛ	REC VR [L]	RECORDING VOLUME (L)
MODE SEL	AUDIO MODE SELECT	REC VR [R]	RECORDING VOLUME (R)
MODE SW	AUDIO MODE SW	REC Y	RECORDING LUMINANCE SIGNAL
MODE. S. IN	AUDIO MODE SELECT INPUT	REC [H]	RECORDING Ⓗ
MODE. S. OUT	AUDIO MODE SELECT OUTPUT	REC. C	RECORDING CHROMINANCE SIGNAL
MONO [H]	MONAURAL Ⓗ	REC. Y	RECORDING LUMINANCE SIGNAL
MONO [H]/MAIN [L]	MONAURAL Ⓗ/MAIN Ⓛ	REC/EE CTL	RECORDING/EE CONTROL
MONO2 [L]	MONAURAL 2	REEL-T	REEL PULSE (TAKE-UP)
MONO2/MESE [FM(L)]	MONAURAL 2/MESECAM (FM Ⓛ)	REEL-S	REEL PULSE (SUPPLY)
MOTOR GND	MOTOR GND	REGULATOR FILTER	REGULATOR FILTER
MUTE	MUTE	RESET	RESET
N. A. REC [L]	NORMAL AUDIO RECORDING	REV M F/R	REVIEW MOTOR FORWARD/REVERSE
N. SW 12V	NON SW 12V		
N. SW. 5. DET	NON SW 5V DETECT	REV M V1	REVIEW MOTOR V1
NICAM	NICAM	REV M V2	REVIEW MOTOR V2
NICAM [L]	NICAM Ⓛ	REV MOTOR F/R	REVIEW MOTOR FORWARD/REVERSE
NOL [H]	PAL Ⓗ/4.43 NTSC Ⓜ/3.58 NTSC Ⓛ		
NOR/SOFT [H]	NORMAL/SOFT TAPE PLAY Ⓗ	REV MOTOR V1	REVIEW MOTOR V1
NORMAL [H]	NORMAL Ⓗ	REV MOTOR V2	REVIEW MOTOR V2
NR BIAS	NR BIAS	REV MOTOR [+]	REVIEW MOTOR (+)
NTSC [L]	NTSC Ⓛ	REV MOTOR [−]	REVIEW MOTOR (−)
OCH	CONTROL AGC CIRCUIT	REV. M. GND	REVIEW MOTOR GND
OUT	OUTPUT	RF. CHROMA	RF CHROMINANCE SIGNAL

RF OUT	RF OUTPUT
RF Y	RF LUMINANCE SIGNAL
RF. Y. IN	RF LUMINANCE SIGNAL INPUT
RF. Y. OUT	RF LUMINANCE SIGNAL OUTPUT
ROTAR. SW	ROTARY SW
ROTARY	ROTARY SW
RST	RESET
RST [L]	RESET Ⓛ
Rch/INST	Rch/INSERT
S IN	SERIAL DATA INPUT
S OUT	SERIAL DATA OUTPUT
S-PHOTO	SUPPLY PHOTO TRANSISTOR
S-RL. PLS	SUPPLY REEL PULSE
S. CLK	SERIAL CLOCK
S. CLK/AV	SERIAL CLOCK/AV
S. DATA	SERIAL DATA
S. DATA/A	SERIAL DATA
S. PHOTO	SUPPLY PHOTO TRANSISTOR
S. TAB [L]	SAFETY TAB SW ON Ⓛ
S/P/N	SECAM/PAL/NTSC
SC IN	SERIAL CLOCK INPUT
SC OUT	SERIAL CLOCK OUTPUT
SCK SELECT	SERIAL CLOCK SELECT
SEL OUT [L]	SELECT OUTPUT (L)
SEL OUT [R]	SELECT OUTPUT (R)
SHUTTLE 1	SHUTTLE 1
SIF	SOUND INTERMEDIATE FREQUENCY
SLMUT [H]	INPUT SELECT MUTE Ⓗ
SLNID [+]	SOLENOID (+)
SLNID [−]	SOLENOID (−)
SLW TR. MM	SLOW TRACKING MONO MULTI
SLW TR. REF	SLOW TRACKING REFERENCE VOLTAGE
SNS. GND	SENSOR GND
SOFT [H]	SOFT TAPE PLAY Ⓗ
SOFT [H]/NORMAL	SOFT TAPE PLAY Ⓗ/NORMAL Ⓗ
SOLENOID ON [L]	SOLENOID ON Ⓛ
SP [H]	SP Ⓗ
SP/L/SLP	SP/LP
SSS [L]	SLOW/STILL/STOP
STEREO LED	STEREO LED
STEREO [H]	STEREO Ⓗ
STEREO [L]	STEREO Ⓛ
STOP. PO	STOP POSITION
STOP/5V	STOP POSITION/5V
STOP1/TAPE SEL	STOP1 POSITION/TAPE SELECT
STOP1/PAL:ST	STOP1 POSITION/PAL
STOP2. PO	STOP 2 POSITION
STOP2/S-TAB	STOP 2 POSITION/SAFETY TAB SW
STREO [H]	STEREO Ⓗ
SUB BIAS	SUB BIAS
SUB. SW	SUB SW
SVHS CAS [L]	S-VHS CASSETTE Ⓛ
SW. 5. DET	SW 5V DETECT
SYNC [L]	SYNC Ⓛ
SYSCON 5V	SYSTEM CONTROL 5V
SYSTEM	SYSTEM SW
T-PHOTO	TAKE-UP PHOTO TRANSISTOR
T-RL. PLS	TAKE-UP REEL PULSE
T. BUSCLK	TIMER BUS CLOCK
T. BUSLSN	TIMER BUS LISTEN
T. BUSTLK	TIMER BUS TALK
T. END [L]	TAPE END Ⓛ
T. PHOTO	TAKE-UP PHOTO TRANSISTOR
TAPE END [L]	TAPE END Ⓛ
TAPE END [L]/CAM	TAPE END Ⓛ/CAMERA PAUSE
TEST	TEST MODE
TPZ	TRAPEZOIDAL WAVE CIRCUIT
TRIC [L]	TRIC PLAY Ⓛ
TRICK [L]	TRIC PLAY Ⓛ
TRK. ENV	AUTO TRACKING ENVELOPE DETECT
TU. AUDIO	TUNER AUDIO
TU. GND	TUNER GND
TU. V. IN	TUNER VIDEO SIGNAL INPUT
TU. VIDEO	TUNER VIDEO
TUN NOR IN	TUNER NORMAL INPUT
TUN R	TUNER AUDIO (R)
TUN. AUDIO IN	TUNER AUDIO INPUT
TUNER 12V	TUNER 12V
TUNER L	TUNER AUDIO (L)
TUNER V IN	TUNER VIDEO SIGNAL INPUT
TUNER [L]	TUNER AUDIO (L)
TUNER [N]	TUNER AUDIO (NORMAL)
TUNER [R]	TUNER AUDIO (R)
TUNER. 12	TUNER 12V
TUOFF [H]	TUNER OFF Ⓗ
TV. AUDIO	TV AUDIO
TV/VTR	TV/VTR
TXTON [L]	TEXT ON Ⓛ
U. REG45V	UNREGULATOR 45V
UNREG	UNREGULATOR
UNREG19V	UNREGULATOR 19V
V. REF	REFERENCE VOLTAGE
V. EE [H]	VIDEO EE Ⓗ
V. EE [L]	VIDEO EE Ⓛ
VCO REF	REFERENCE OSCILLATER
VD. IN	VIDEO SIGNAL INPUT
VD. OUT	VIDEO SIGNAL OUTPUT
VIDEO EE [L]	VIDEO EE Ⓛ
VIDEO IN	VIDEO SIGNAL INPUT
VIDEO OUT	VIDEO SIGNAL OUTPUT
VM	MOTOR VOLTAGE
VM DOWN [L]	MOTOR VOLTAGE DOWN Ⓛ
VSS	VERTICAL SYNC SIGNAL
VTR [H]	VTR Ⓗ
VTR. 12V	VTR 12V
X IN	OSCILLATOR INPUT
X OUT	OSCILLATOR OUTPUT

INPUT/OUTPUT CHART FOR IC6001

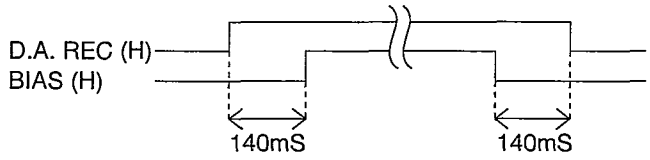
<table>
<tr><th>Pin Number</th><th>Input/Output</th><th>Port Name</th><th>Function</th></tr>
<tr><td>1</td><td>O</td><td>2H (H)</td><td>This port is high in SP mode.</td></tr>
<tr><td>2</td><td>O</td><td>FM MUTE (H)</td><td>This port is high during special playback (CUE, REV, SLOW, STILL) mode.</td></tr>
<tr><td>3</td><td>O</td><td>AUDIO MUTE (H)</td><td>This port is high during special playback (CUE, REV, SLOW, STILL) mode.</td></tr>
<tr><td>4</td><td>O</td><td>EDIT (H)</td><td>This port is high during edit.</td></tr>
<tr><td>5</td><td>O</td><td>VIDEO EE (L)</td><td>This port is low during EE mode.</td></tr>
<tr><td>6</td><td>O</td><td>VA</td><td rowspan="2">Input signal select.<table><tr><th>VCR IN</th><th>VA</th><th>VB</th></tr><tr><td>TUNER</td><td>L</td><td>L</td></tr><tr><td>AV1</td><td>H</td><td>L</td></tr><tr><td>AV2</td><td>L</td><td>H</td></tr><tr><td>AV3</td><td>H</td><td>H</td></tr></table></td></tr>
<tr><td>7</td><td>O</td><td>VB</td></tr>
<tr><td>8</td><td>O</td><td>V. CHANGE (H)</td><td>This port is high while the loading motor torque is increased in FF and REW modes.</td></tr>
<tr><td>9</td><td>O</td><td>LM LIMIT (H)</td><td>Loading motor torque limiter output.</td></tr>
<tr><td>10</td><td>O</td><td>FF/REW (L)</td><td>This port is low during FF and REW modes.</td></tr>
<tr><td>11</td><td>O</td><td>UNLOADING (H)</td><td>This port is high while the mechanism is unloaded.</td></tr>
<tr><td>12</td><td>O</td><td>LOADING (H)</td><td>This port is high while the mechanism is loaded.</td></tr>
<tr><td>13</td><td>O</td><td>D.A. REC (H)</td><td rowspan="2">Normal audio recording control.
 
</td></tr>
<tr><td>14</td><td>O</td><td>BIAS (H)</td></tr>
<tr><td>15</td><td>O</td><td>RGB</td><td>BLANKING signal output select.
RGB SW OFF: HIGH
RGB SW ON : LOW</td></tr>
<tr><td>16</td><td>I</td><td>SHORT CHECK (H)</td><td>DC voltage (BIAS (H)) detection.
• When the low voltage is detected in recording mode, the VCR is turned off.
• When the high voltage is detected in except recording mode, the VCR is turned off.</td></tr>
<tr><td>17</td><td>I</td><td>S-VHS PB (H)</td><td>This port is high during S-VHS playback.</td></tr>
<tr><td>18</td><td>O</td><td>PB AI2 (H)</td><td>AI playback control.</td></tr>
<tr><td>19</td><td>O</td><td>PB AI1 (H)</td><td>AI playback control.</td></tr>
</table>

Fig. MP1

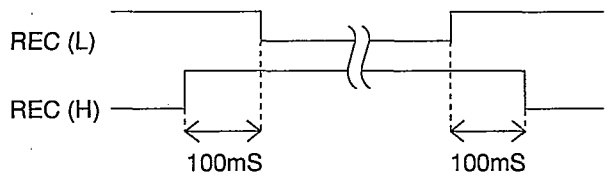
Pin Number	Input/Output	Port Name	Function
20	I	S-TAB (L)	This port is low while the cassette tape with safety tab is inserted.
21	I	ABS NORM IN	HIFI audio mode detection. ● When the low voltage is detected, the audio output is compulsory normal audio mode.
22	I	NC	Not used (Low setting)
23	I	CPB	AV2 PB (H) setting detection for I/O circuit control. ● This port is high when AV2 PB (H) is set to high. ● This port is low when AV2 PB (H) is set to low.
24	I	REC AI (L)	AI mode selection. AI PB ONLY : HIGH AI PB AND REC : LOW
25	I	RESET (L)	This port is low while IC6001 is reset.
26	I	MODE SEL	Active mode selection for microprocessor.
27	I	NC	Not used (Low setting)
28	I	B	Initial setting for 21 PIN Skirt Jack. B MODEL : HIGH EXCEPT B MODEL: LOW
29	O	LINE (L)	Input signal control for HIFI audio circuit. MIC/TUNER: HIGH LINE : LOW
30	O	REC (L)	DC voltage control for recording mode. 
31	O	REC (H)	
32	O	A. DUB (H)	This port is high during audio dubbing mode.
33	O	SAT (H)	This port is high during VCR receive the SAT signal.
34	O	TV	Output signal control for AV1. SIGNAL FROM VCR: HIGH SIGNAL FROM AV2 : LOW
35	O	SYSTEM 4	Refer to Fig. MP. 7
36	O	SYSTEM 5	Refer to Fig. MP. 7
37	I	DIGITAL 5V	VDD
38	O	12MHz OUT	Oscillator output.
39	I	12MHz IN	Oscillator input.

Fig. MP2

<table>
<tr><th>Pin Number</th><th>Input/Output</th><th>Port Name</th><th>Function</th></tr>
<tr><td>40</td><td>O</td><td>32KHz OUT</td><td>Oscillator output.</td></tr>
<tr><td>41</td><td>I</td><td>32KHz IN</td><td>Oscillator input.</td></tr>
<tr><td>42</td><td>I</td><td>DIGITAL GND</td><td>GND</td></tr>
<tr><td>43</td><td>O</td><td>FULL ERASE (H)</td><td>Full erase on/off control.
ON : HIGH
OFF: LOW</td></tr>
<tr><td>44</td><td>O</td><td>D. REC (H)</td><td>Video signal recording on/off control.</td></tr>
<tr><td>45</td><td>O</td><td>D. FM. REC (H)</td><td>HIFI audio signal recording on/off control.</td></tr>
<tr><td>46</td><td>O</td><td>C. EMPHASYS (H)</td><td>This port supplies high signal during a certain time (refer to following chart) from starting the recording to control the HIFI audio recording current.
<table>
<tr><th>TAPE SPEED</th><th>OUTPUT</th></tr>
<tr><td>NTSC 2H</td><td>6 sec</td></tr>
<tr><td>NTSC 4H</td><td>12 sec</td></tr>
<tr><td>NTSC 6H</td><td>18 sec</td></tr>
<tr><td>PAL 3H</td><td>9 sec</td></tr>
<tr><td>PAL 6H</td><td>18 sec</td></tr>
</table></td></tr>
<tr><td>47</td><td>O</td><td>REC CUR 1</td><td rowspan="3">AI REC current switching signal output.</td></tr>
<tr><td>48</td><td>O</td><td>REC CUR 2</td></tr>
<tr><td>49</td><td>O</td><td>REC CUR 3</td></tr>
<tr><td>50</td><td>O</td><td>A. H. SW</td><td>HIFI audio head switching signal output.</td></tr>
<tr><td>51</td><td>O</td><td>S. DATA OUT</td><td>Serial data output.</td></tr>
<tr><td>52</td><td>I</td><td>S. DATA IN</td><td>Serial data input.</td></tr>
<tr><td>53</td><td>O</td><td>S. CLOCK</td><td>Serial clock output.</td></tr>
<tr><td>54</td><td>O</td><td>5P S. DATA OUT</td><td>EDIT 5P serial data output.</td></tr>
<tr><td>55</td><td>I</td><td>5P S. DATA IN</td><td>EDIT 5P serial data input.</td></tr>
<tr><td>56</td><td>O</td><td>5P S. CLOCK</td><td>EDIT 5P serial clock output.</td></tr>
<tr><td>57</td><td>O</td><td>CAP R/S/F</td><td>Capstan rotation direction control.
REVERSE: HIGH
STOP : MIDDLE
FOWARD : LOW</td></tr>
<tr><td>58</td><td>O</td><td>CURRENT LIMIT</td><td>Capstan motor current limitter output.</td></tr>
<tr><td>59</td><td>O</td><td>ENV2</td><td>AI PB control signal output.</td></tr>
</table>

Fig. MP3

<table>
<tr><th>Pin Number</th><th>Input/Output</th><th>Port Name</th><th>Function</th></tr>
<tr><td>60</td><td>O</td><td>PIC VR OUT</td><td>This port supplies the voltage which depends on picture VR setting.</td></tr>
<tr><td>61</td><td>O</td><td>ART V/H/N</td><td>This port supplies artificial vertical sync signal to stabilize the picture in special playback mode.</td></tr>
<tr><td>62</td><td>O</td><td>VIDEO H. SW</td><td>Video head switching signal output.</td></tr>
<tr><td>63</td><td>O</td><td>ROTARY SW</td><td>Rotary switching signal output.</td></tr>
<tr><td>64</td><td>O</td><td>H. AMP. SW</td><td>Head amp switching signal output.</td></tr>
<tr><td>65</td><td>I</td><td>ENVE SELECT</td><td>This port receives the playback envelope signal level to select the video head in special playback mode.</td></tr>
<tr><td>66</td><td>I</td><td>MIC (H)</td><td>This port is high during the mic is connected.</td></tr>
<tr><td>94</td><td>I</td><td>T- PHOTO</td><td>This port receives the signal when take-up photo sensor detects the tape begining.</td></tr>
<tr><td>95</td><td>I</td><td>S-PHOTO</td><td>This port receives the signal when supply photo sensor detects the tape end.</td></tr>
<tr><td>96</td><td>I</td><td>NORMAL/
SERVICE/TEST</td><td>NORMAL/SERVICE/TEST mode selection.<table><tr><th>INPUT VOLTAGE</th><th>MODE</th></tr><tr><td>MORE THAN 4.0V</td><td>NORMAL</td></tr><tr><td>2.5V~4.0V</td><td>SERVICE</td></tr><tr><td>LESS THAN 2.5V</td><td>TEST</td></tr></table></td></tr>
<tr><td>97</td><td>I</td><td>SYSTEM
SELECT</td><td>System mode selection for auto setup.<table><tr><th>INPUT VOLTAGE</th><th>MODE</th></tr><tr><td>MORE THAN 3.0V</td><td>MODE 4</td></tr><tr><td>2.0V~3.0V</td><td>MODE 2</td></tr><tr><td>LESS THAN 2.0V</td><td>MODE 1</td></tr></table></td></tr>
<tr><td>98</td><td>I</td><td>STEREO/BIL</td><td>Audio mode detection for display on the OSD.<table><tr><th>INPUT VOLTAGE</th><th>DISPLAY</th></tr><tr><td>MORE THAN 4.2V</td><td>NO DISPLAY</td></tr><tr><td>3.0V~4.2V</td><td>MONO 1</td></tr><tr><td>2.0V~3.0V</td><td>BILINGUAL</td></tr><tr><td>0.8V~2.0V</td><td>MONO 1+2</td></tr><tr><td>LESS THAN 0.8V</td><td>STEREO</td></tr></table></td></tr>
<tr><td>99</td><td>I</td><td>DEW SNS</td><td>This port is more than 1.36V during detecting the dew formation.</td></tr>
<tr><td>100</td><td>I</td><td>ATIC SEL</td><td>Head amp IC setting for playback envelope detection.<table><tr><th>INPUT VOLTAGE</th><th>IC</th></tr><tr><td>MORE THAN 3.0V</td><td>TEA5705</td></tr><tr><td>2.0V~3.0V</td><td>AN3336</td></tr><tr><td>LESS THAN 2.0V</td><td>AN3360</td></tr></table></td></tr>
<tr><td>101</td><td>I</td><td>PIC VR IN</td><td>This port receives the voltage which depends on picture VR setting.</td></tr>
<tr><td>102</td><td>I</td><td>CHROMA IN</td><td>AI PB Chrominance level adjustment input.</td></tr>
</table>

Fig. MP4

<table>
<tr><th>Pin Number</th><th>Input/Output</th><th>Port Name</th><th>Function</th></tr>
<tr><td>103</td><td>I</td><td>SLTR MM</td><td>Slowtracking adjustment input.</td></tr>
<tr><td>104</td><td>I</td><td>AV MODE SEL</td><td>TV/VTR switch setting.
<table><tr><td>INPUT VOLTAGE</td><td>SWITCH</td></tr><tr><td>MORE THAN 3.0V</td><td>TV/VTR</td></tr><tr><td>2.0V~3.0V</td><td>NO SW</td></tr><tr><td>LESS THAN 2.0V</td><td>AV LINK</td></tr></table></td></tr>
<tr><td>105</td><td>I</td><td>TRACKING ENVE</td><td>Playback envelope input for tracking adjustment.</td></tr>
<tr><td>106</td><td>I/O</td><td>EDIT TRIG</td><td>Trigger signal in/output for synchronized editing.</td></tr>
<tr><td>107</td><td>I/O</td><td>PB/TUN/LINE</td><td>Normal audio switching control.
NORMAL AUDIO PB (INCLUDING INSERT): HIGH
LINE IN EE OR A. DUB MODE : LOW
TUNER IN EE OR A. DUB MODE : Z</td></tr>
<tr><td>108</td><td>O</td><td>T SNS LED (L)</td><td>Sensor LED drive signal output.
● When this port supplies the low signal, the sensor LED is lit.</td></tr>
<tr><td>109</td><td>I/O</td><td>PREROLL</td><td>Preroll signal in/output for synchronized editing.</td></tr>
<tr><td>110</td><td>O</td><td>SYSTEM 2</td><td>Refer to Fig. MP. 7</td></tr>
<tr><td>111</td><td>O</td><td>SYSTEM 1</td><td>Refer to Fig. MP. 7</td></tr>
<tr><td>112</td><td>I/O</td><td>HIFI/MIX/NORM</td><td rowspan="2">Audio output mode control.
<table><tr><td></td><td colspan="4">MODE</td></tr><tr><td></td><td>STEREO</td><td>L CH</td><td>R CH</td><td>NORMAL</td></tr><tr><td>HIFI/MIX/NORM</td><td>H</td><td>H</td><td>H</td><td>L</td></tr><tr><td>L CH/R CH/STEREO</td><td>L</td><td>H</td><td>Z</td><td>L</td></tr></table>Z: HIGH IMPEDANCE</td></tr>
<tr><td>113</td><td>O</td><td>L CH/R CH/
STEREO</td></tr>
<tr><td>114</td><td>I</td><td>DIGITAL 5V</td><td>VDD</td></tr>
<tr><td>115</td><td>I</td><td>POSITION SW1</td><td rowspan="3"><table><tr><th>P. SW 3</th><th>P. SW 2</th><th>P. SW 1</th><th>Position (Mode) Name</th></tr><tr><td>O</td><td>O</td><td>O</td><td>EJECT</td></tr><tr><td>O</td><td>O</td><td>I</td><td>CASSETTE DOWN</td></tr><tr><td>O</td><td>I</td><td>O</td><td>REV, REV SLOW</td></tr><tr><td>O</td><td>I</td><td>I</td><td>MID (LOADING/UNLOADING)</td></tr><tr><td>I</td><td>O</td><td>O</td><td>PLAY/REC, STILL/PAUSE, CUE, FWD SLOW STOP3 *1</td></tr><tr><td>I</td><td>O</td><td>I</td><td>STOP</td></tr><tr><td>I</td><td>I</td><td>O</td><td>FF/REW</td></tr><tr><td>I</td><td>I</td><td>I</td><td>INTERMEDIATE</td></tr></table>(*1) The Pinch Roller is on the capstan motor shaft.</td></tr>
<tr><td>116</td><td>I</td><td>POSITION SW2</td></tr>
<tr><td>117</td><td>I</td><td>POSITION SW3</td></tr>
<tr><td>118</td><td>O</td><td>AVPBL</td><td>AV1 PB (H) output control.
● This port is high when AV1 PB (H) is set to high.
● This port is low when AV1 PB (H) is set to low.</td></tr>
<tr><td>119</td><td>I</td><td>GND</td><td>GND</td></tr>
<tr><td>120</td><td>O</td><td>DEA</td><td rowspan="2">AV2 output control.
<table><tr><td>AV2 OUTPUT</td><td>DEA</td><td>DEB</td></tr><tr><td>TUNER</td><td>H</td><td>L</td></tr><tr><td>AV1</td><td>L</td><td>L</td></tr><tr><td>SAT</td><td>L</td><td>H</td></tr><tr><td>VCR OUT</td><td>H</td><td>H</td></tr></table></td></tr>
<tr><td>121</td><td>O</td><td>DEB</td></tr>
</table>

Fig. MP5

Pin Number	Input/Output	Port Name	Function
122	O	AI MES (H)	This port is high when measuring the head and tape condition to determine the optimum recording current before starting the AI recording.
123	O	POWER OFF (H)	Power on/off control.
124	O	TRICK (L)	This port is low during special playback (CUE, REV, SLOW, STILL) mode.

Fig. MP6

	MODE 1	MODE 2	MODE 3	MODE 4
PIN 111 (SYSTEM 1)	H: MESECAM L : PAL Z : AUTO	H: MESECAM L : PAL	H: PAL L : NTSC Z : AUTO	H: MESECAM L : PAL Z : AUTO
PIN 110 (SYSTEM 2)	H: EXCEPT NTSC L : NTSC-M	H: SECAM L : PAL Z : AUTO	——	H: EXCEPT NTSC L : NTSC-M
PIN 35 (SYSTEM 4)	H: PAL- I L : B/G/D/K	H: SECAM L : PAL	——	H: PAL-I L : B/G/D/K
PIN 36 (SYSTEM 5)	H: PAL L : NTSC	H: PAL L : NTSC	H: 50Hz L : 60Hz	H: PAL L : NTSC

Z: HIGH IMPEDANCE

Fig. MP7

Note: 1. The mode is decided depend on SYSTEM SELECT PORT (PIN 97).

INPUT/OUTPUT CHART FOR IC7503

Pin Number	Input/Output	Port Name	Function
1	O	L CH (L)	FIP level meter Lch (L)
2	I	AFC (S)	AFC S-CURVE
3	O	DEL (L)	AV2 connector detection DECODER: LOW EXT : HIGH
4	O	L CTL	LANK clock control
5	I	JOG1	JOG1
6	O	IC CLK	Tuner IC control clock
7	I	IR	Remote controller data
8	I	L CLK	LANK clock
9	O	FS CS (H)	FS chip select (H)
10	I	JOG2	JOG2
11	O	SAT IR	SAT IR output
12	I	POW FAIL (L)	Power fail detection
13	I	RESET (L)	Reset (L)
14	I	S CLK	Serial clock
15	I	S DATA IN	Serial data input
16	O	S DATA OUT	Serial data input
17	O	T CLK	Timer bus clock output
18	I	T LSN	Timer data input (from OSD)
19	O	T TLK	Timer data output (to OSD)
20	O	128Hz	128Hz
21	I	NC	Not used
22	O	STAND BY (L)	Stand by (L)
23	O	NC	Not used
24	O	FIP (L)	FIP heater on (L)

Fig. MP8

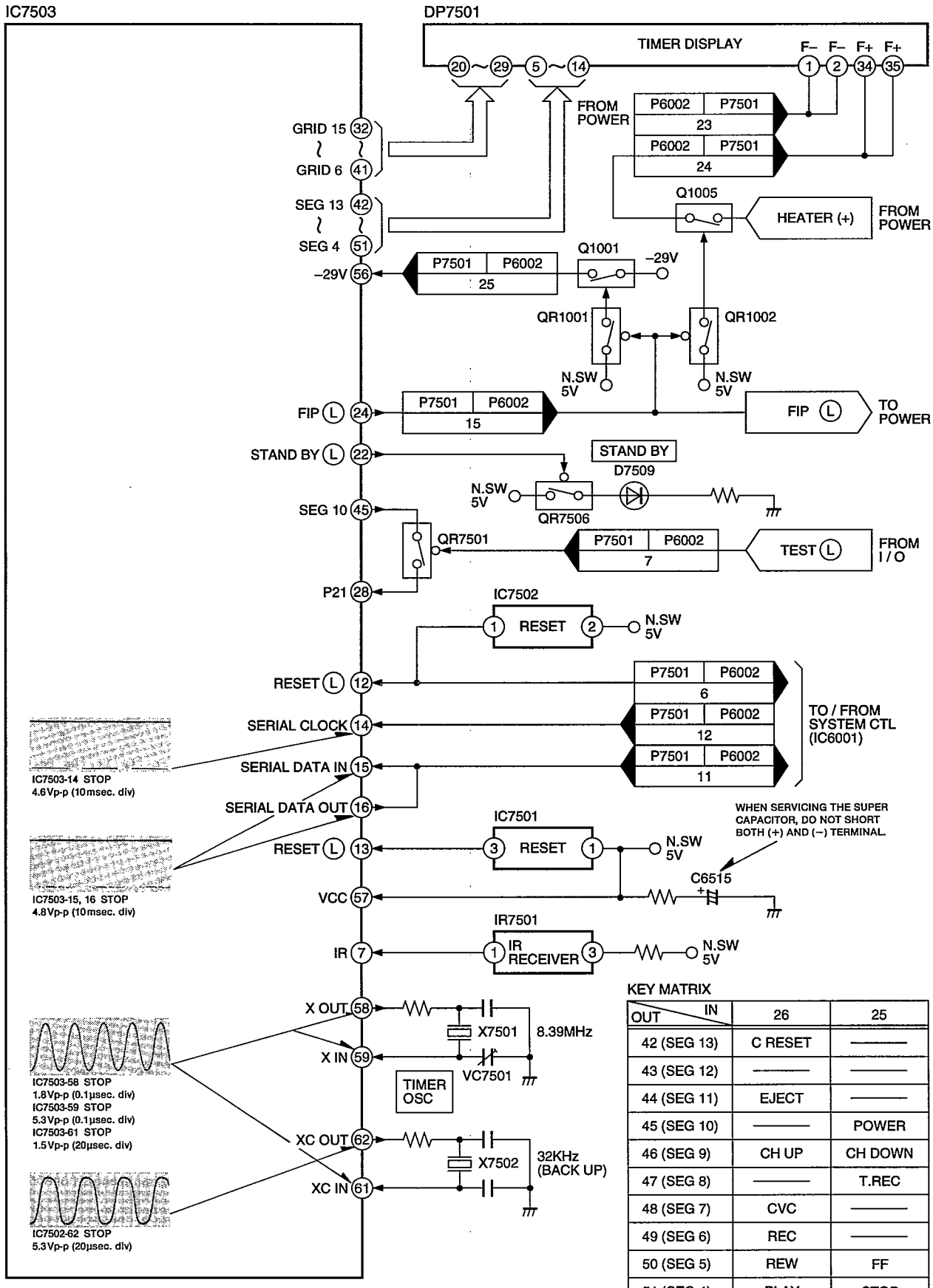
Pin Number	Input/Output	Port Name	Function
25 26 27 28 29	I	KEY SCAN	Key scan input
30	O	AUDIO DEF (H)	Audio defeat high output
31	O	R CH (L)	FIP level meter Rch (L)
32	O	P17	DGT1
33	O	P16	DGT2
34	O	P15	DGT3
35	O	P14	DGT4
36	O	P13	DGT5
37	O	P12	DGT6
38	O	P11	DGT7
39	O	P10	DGT8
40	O	P07	DGT9/Key scan output
41	O	P06	DGT10/Key scan output
42	O	P05	SEG J/Key scan output
43	O	P04	SEG I/Key scan output
44	O	P03	SEG H/Key scan output
45	O	P02	SEG D/Key scan output
46	O	P01	SEG E/Key scan output
47	O	P00	SEG C/Key scan output
48	O	P37	SEG G/Key scan output
49	O	P36	SEG F/Key scan output
50	O	P35	SEG B/Key scan output
51	O	P34	SEG A/Key scan output
52	O	AI ON (H)	AI on (H) output
53	O	OSD ON (H)	OSD on (H) output
54	O	METER OFF (H)	Level meter off (H) output

Fig. MP9

Pin Number	Input/Output	Port Name	Function
55	O	MONO (H)	Forced MONO (NICAM off) (H) output
56	—	VEE	−29V
57	—	VCC	+5V
58	O	XOUT	8.39MHz clock output
59	I	XIN	8.39MHz clock input
60	—	VSS	GND
61	I	XCIN	32KHz clock input
62	O	XCOUT	32KHz clock output
63	O	SIMUL (H)/SI (H)	Simul (H) output
64	O	SELECT MUTE (H)	Audio select mute (H) output

Fig. MP10

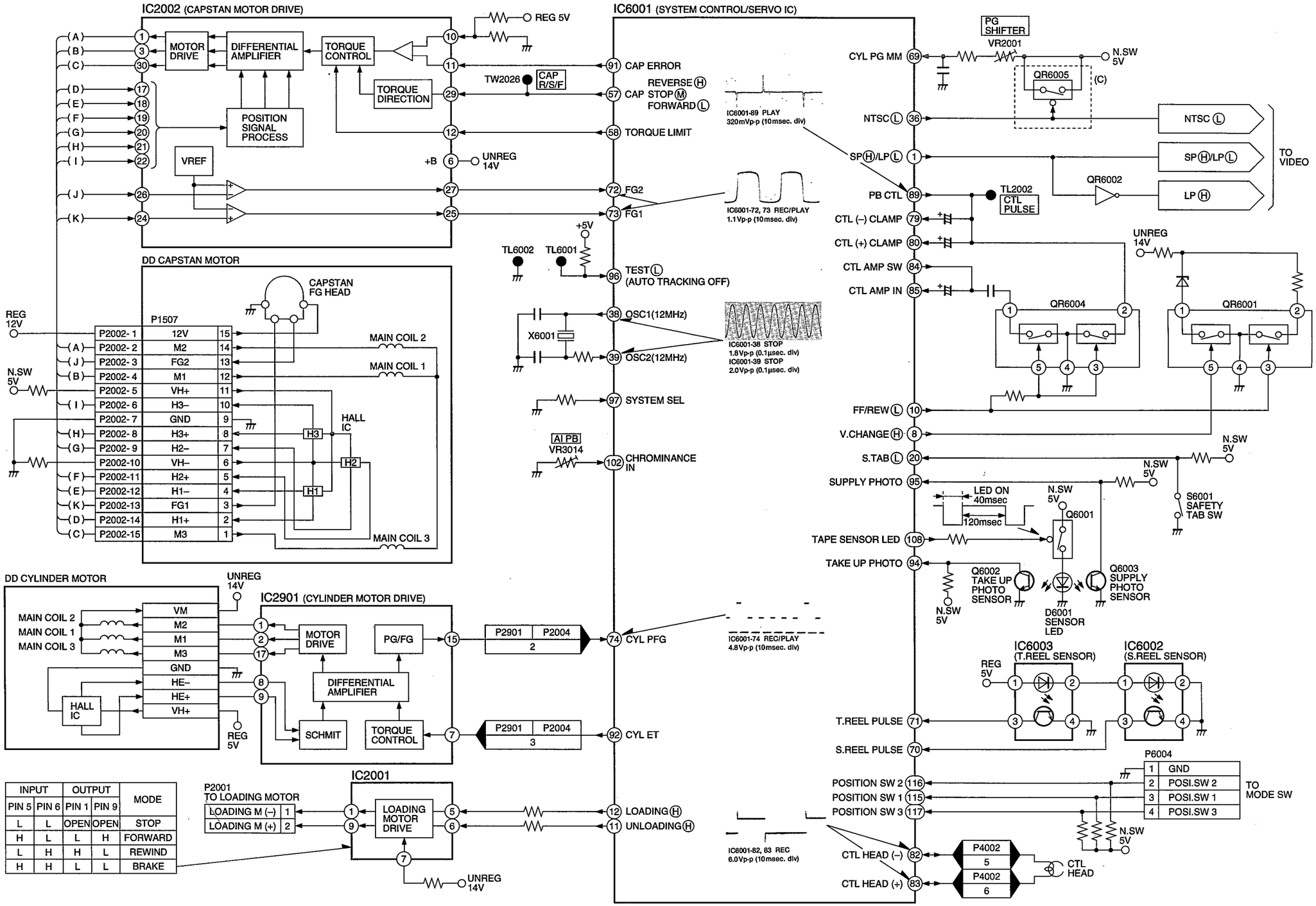
3-2. TIMER BLOCK DIAGRAM



KEY MATRIX

OUT \ IN	26	25
42 (SEG 13)	C RESET	———
43 (SEG 12)	———	———
44 (SEG 11)	EJECT	———
45 (SEG 10)	———	POWER
46 (SEG 9)	CH UP	CH DOWN
47 (SEG 8)	———	T.REC
48 (SEG 7)	CVC	———
49 (SEG 6)	REC	———
50 (SEG 5)	REW	FF
51 (SEG 4)	PLAY	STOP

3-3. SYSTEM CONTROL & SERVO BLOCK DIAGRAM



3-4. LUMINANCE & CHROMINANCE BLOCK DIAGRAM

MAIN SIGNAL PATH IN REC MODE ⇦ MAIN SIGNAL PATH IN PLAYBACK MODE

FROM OSD FROM TUNER
PP3002 2 VIDEO OUT
PP3002 4 TUNER VIDEO
AV2 (DECODER/EXT)
AV1 (TV)
IC3906
VIDEO IN PP3002 6
SAT Ⓗ PP3002 3 FROM SYSTEM CTL
Q3909
Q3901,Q3903 AMP
UNREG 14V
QR3904
QR3901
QR3903
UNREG 14V
IC3903
PP3004 4 CPB
PP3004 3 RGB
PP3003 5 DEB
PP3003 4 DEA
PP3004 2 VB
PP3004 1 VA
FROM SYSTEM CTL
Q3902,Q3904 AMP
IC3902
PP3003 3 APB
PP3003 2 TV
(C)
Q3910 AMP SAT IR
FROM TIMER PP3002 9 SAT CTL
TO TUNER PP3002 1 RF ON Ⓗ
N SW 5V
SW3901 RF OFF TEST OFF TEST ON
TO TIMER PP3002 10 TEST ON Ⓛ

IC3906

INPUT (9)	(10)	(11)	OUTPUT (3)
L	L	L	(13)
L	L	H	(14)
L	H	L	(15)
L	H	H	(12)
H	L	L	(1)
H	L	H	(5)
H	H	L	(2)
H	H	H	(4)
*	*	*	NONE

IC3902

INPUT (9)	(10)	(11)	OUTPUT (15)
L	L	L	(2)
L	L	H	(2)
L	H	L	(1)
L	H	H	(1)
H	L	L	(2)
H	L	H	(2)
H	H	L	(1)
H	H	H	(1)
*	*	*	NONE

IC3903

INPUT (9)	(10)	OUTPUT (3)
L	L	(1)
L	H	(5)
H	L	(2)
H	H	(4)
*	*	NONE

INPUT/OUTPUT PACK C.B.A.

TO OSD PK3001 1 VIDEO OUT
FROM SYSTEM CTL PK3002 6 ART V/H/N
PK3001 3 VIDEO IN
FROM SYSTEM CTL PK3001 7 AI ON Ⓗ
QR361
QR360
REG 5V
Q362 BUFFER
Q360,Q361 AMP
(C)

IC801 / 25PIN / 21PIN	PAL Ⓗ	NTSC Ⓛ
PAL(H)	THROUGH	CONV
4.43NT(H)	THROUGH	THROUGH
3.58NT(L)	THROUGH	THROUGH

IC801
6dB AMP
R818, C814, C815 +45° PHASE SHIFTER
R831, C816, C817 −45° PHASE SHIFTER
REG 5V
VR803
AFC
FROM SYSTEM CTL PK3002 2 NTSC Ⓛ
REG 5V
SW CONTROL
BURST GATE MMV
FH VCO
1/2
PHASE COMPARATOR
HD MMV
HSS
LOGIC
PAL NTSC PAL NTSC
DL801
2H DELAY
1H DELAY
N SW 5V
QR804
QR801
QR808
FROM SYSTEM CTL PK3003 3 MESECAM Ⓗ
Y BALANCE
Q301 AMP L.P.F VR301
IC301 1H DELAY SCHMITT

IC302-57 REC
2.0Vp-p (20μsec. div)
IC302-60 REC
1.0Vp-p (20μsec. div)

IC302-57 PLAY
2.0Vp-p (20μsec. div)

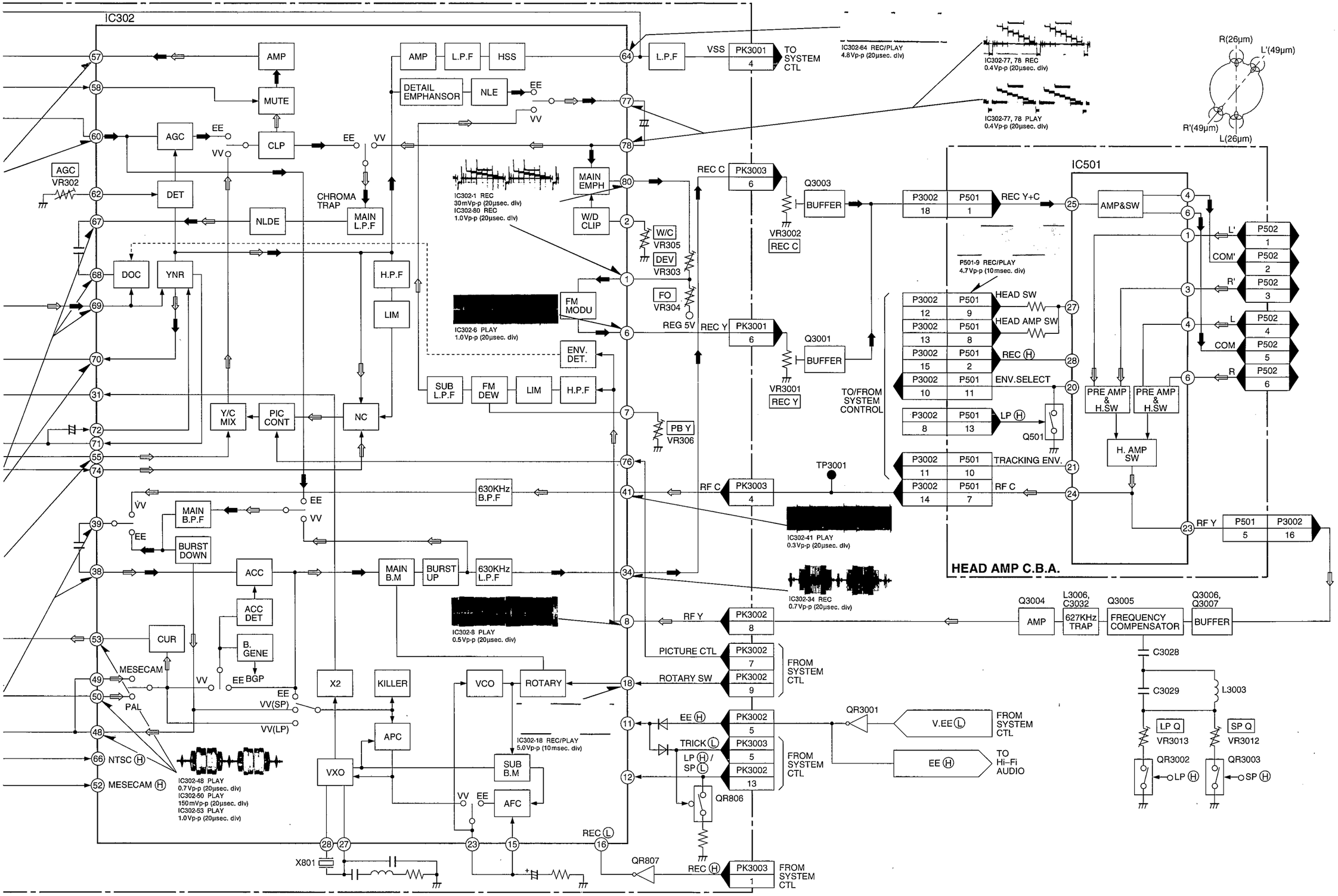
IC302-67, 68, 69, 70 REC
0.4Vp-p (20μsec. div)
IC302-67, 68, 69, 70 PLAY
0.5Vp-p (20μsec. div)

IC302-55 PLAY
350mVp-p (20μsec. div)

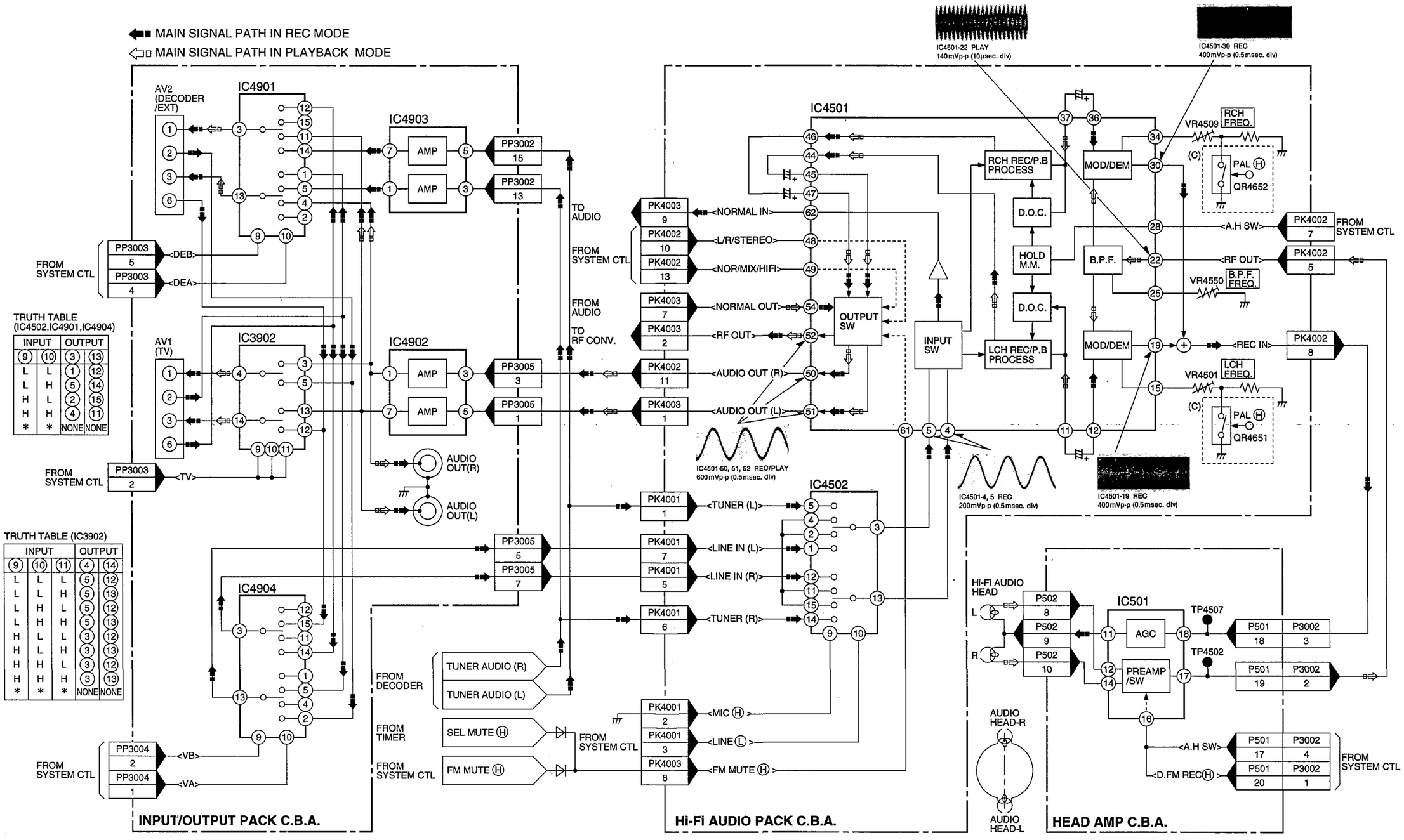
IC302-38, 39 REC
150mVp-p (20μsec. div)

IC302-38, 39 PLAY
0.1Vp-p (20μsec. div)

LUMINANCE & CHROMINANCE PACK C.B.A.

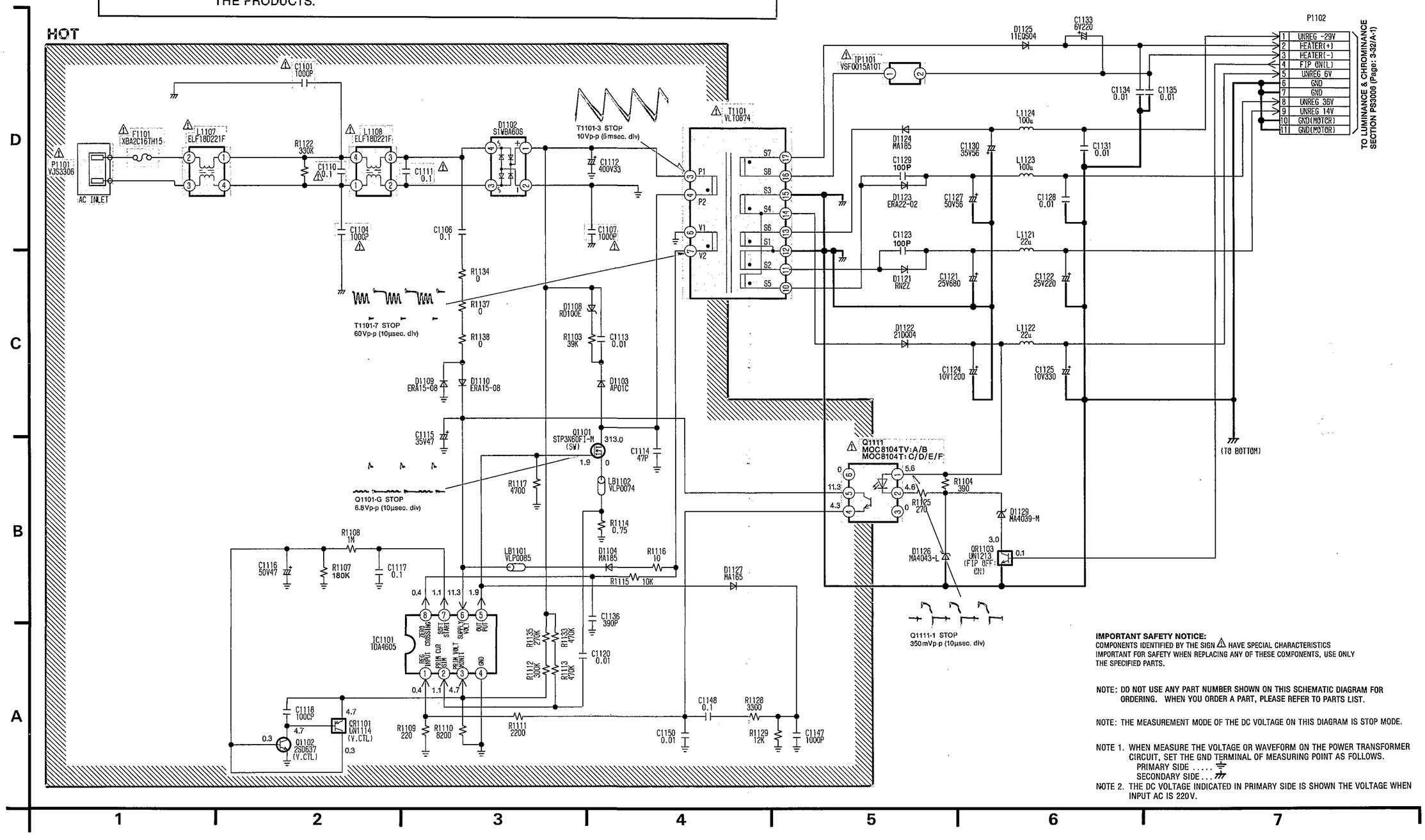

IC302
AMP
MUTE
AGC
CLP
DET
NLDE
MAIN L.P.F
CHROMA TRAP
AGC VR302
DOC
YNR
H.P.F
LIM
Y/C MIX
PIC CONT
NC
AMP
L.P.F
HSS
DETAIL EMPHANSOR
NLE
MAIN EMPH
W/D CLIP
FM MODU
ENV. DET.
SUB L.P.F
FM DEW
LIM
H.P.F
L.P.F
VSS
PK3001
TO SYSTEM CTL
W/C VR305
DEV VR303
FO VR304
REG 5V
PB Y VR306
630KHz B.P.F
MAIN B.P.F
BURST DOWN
ACC
ACC DET
B. GENE
MAIN B.M
BURST UP
630KHz L.P.F
CUR
X2
KILLER
VCO
ROTARY
APC
VXO
SUB B.M
AFC
X801
REC C
REC Y
RF C
RF Y
VR3002 REC C
VR3001 REC Y
Q3003
Q3001
BUFFER
TO/FROM SYSTEM CONTROL
TP3001
IC302-64 REC/PLAY 4.8Vp-p (20µsec. div)
IC302-77, 78 REC 0.4Vp-p (20µsec. div)
IC302-77, 78 PLAY 0.4Vp-p (20µsec. div)
IC302-1 REC 30mVp-p (20µsec. div) IC302-80 REC 1.0Vp-p (20µsec. div)
IC302-6 PLAY 1.0Vp-p (20µsec. div)
IC302-41 PLAY 0.3Vp-p (20µsec. div)
IC302-34 REC 0.7Vp-p (20µsec. div)
IC302-8 PLAY 0.5Vp-p (20µsec. div)
IC302-18 REC/PLAY 5.0Vp-p (10msec. div)
IC302-48 PLAY 0.7Vp-p (20µsec. div) IC302-50 PLAY 150mVp-p (20µsec. div) IC302-53 PLAY 1.0Vp-p (20µsec. div)
IC501
P501-9 REC/PLAY 4.7Vp-p (10msec. div)
REC Y+C
HEAD SW
HEAD AMP SW
REC (H)
ENV.SELECT
LP (H)
Q501
TRACKING ENV.
RF C
RF Y
AMP&SW
PRE AMP & H.SW
H. AMP SW
HEAD AMP C.B.A.
R(26µm)
L'(49µm)
R'(49µm)
L(26µm)
L'
COM'
R'
L
COM
R
Q3004 AMP
L3006, C3032 627KHz TRAP
Q3005 FREQUENCY COMPENSATOR
Q3006, Q3007 BUFFER
C3028
C3029
L3003
LP Q VR3013
SP Q VR3012
QR3002
QR3003
LP (H)
SP (H)
QR3001
V.EE (L)
EE (H)
TRICK (L)
LP (H) / SP (L)
QR806
QR807
REC (L)
REC (H)
FROM SYSTEM CTL
TO Hi-Fi AUDIO
PICTURE CTL
ROTARY SW
MESECAM
PAL
NTSC (H)
MESECAM (H)

3-5. Hi-Fi AUDIO BLOCK DIAGRAM



3-6. POWER SCHEMATIC DIAGRAM

CAUTION THE RED MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.



IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.

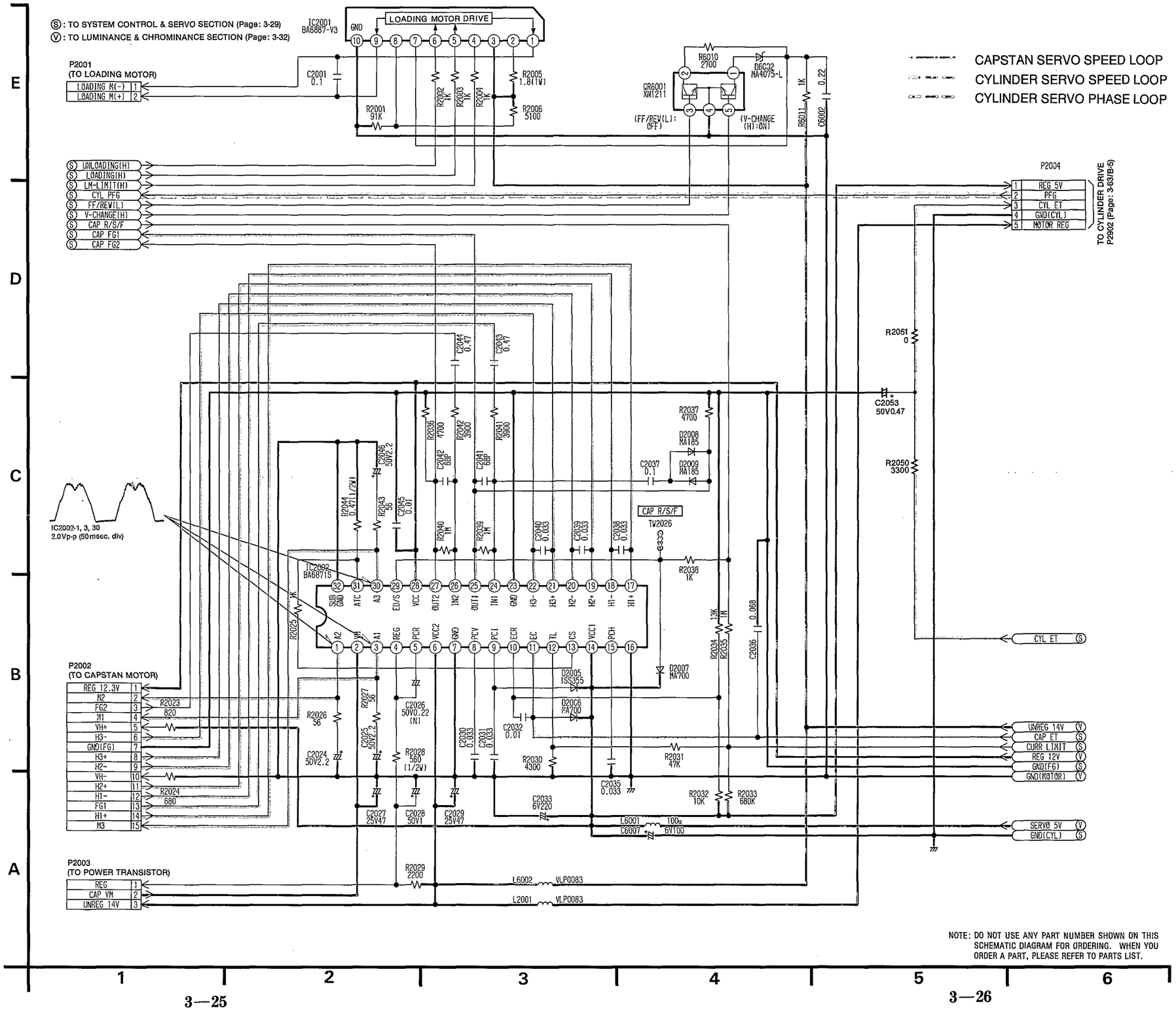
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE 1. WHEN MEASURE THE VOLTAGE OR WAVEFORM ON THE POWER TRANSFORMER CIRCUIT, SET THE GND TERMINAL OF MEASURING POINT AS FOLLOWS.
PRIMARY SIDE ..... ⏚
SECONDARY SIDE ... ⏚

NOTE 2. THE DC VOLTAGE INDICATED IN PRIMARY SIDE IS SHOWN THE VOLTAGE WHEN INPUT AC IS 220V.

3-7. MOTOR DRIVE SECTION IN MAIN SCHEMATIC DIAGRAM



NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

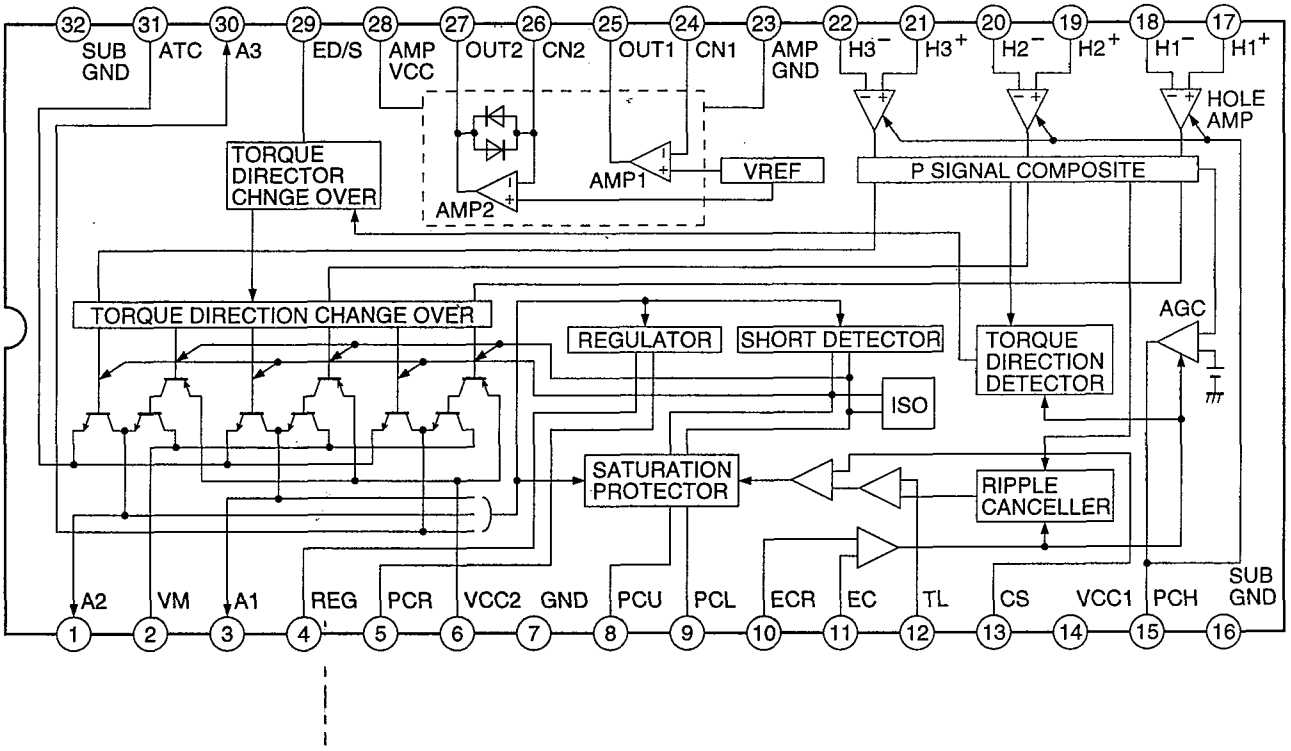
MOTOR DRIVE ICs DC VOLTAGE CHART (SP MODE)

REF. NO.	IC2001																			
MODE	1	2	3	4	5	6	7	8	9	10										
STOP	0.5	14.4	14.4	0	0	0	7.3	9.2	0.5	0										
PLAY	0.2	0	14.0	0	0	0	7.3	8.9	0.2	0										
REC	0.6	14.0	14.0	0	0	0	7.3	9.0	0.7	0										
F.F	0.4	14.0	14.0	0	0	0	14.0	8.9	0.4	0										
REW	0.4	14.0	14.0	0	0	0	14.0	8.9	0.4	0										
REF. NO.	IC2002																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP	1.8	4.3	1.8	13.7	1.1	14.3	0	0	0.8	2.7	1.3	0	0	4.9	1.4	0	2.2	2.1	2.1	2.2
PLAY	1.6	4.2	1.5	12.7	1.7	14.0	0	0.6	0.6	2.7	2.4	0.3	0	4.9	1.4	0	2.2	2.2	2.2	2.2
REC	1.5	4.2	1.5	12.7	1.7	14.0	0	0.6	0.6	2.7	2.4	0.3	0	4.9	1.4	0	2.2	2.2	2.2	2.1
F.F	6.7	13.8	6.6	5.9	11.9	13.9	0	0.8	0.6	2.7	2.0	0.4	0.1	4.9	1.4	0	2.2	2.2	2.2	2.2
REW	6.7	13.9	6.7	7.1	12.0	13.9	0	0.7	0.6	2.7	2.2	0.4	0	4.9	1.4	0	2.2	2.2	2.2	2.2
REF. NO.	IC2002																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32								
STOP	2.2	2.2	0	6.3	6.2	6.3	6.2	12.2	1.9	1.8	0	0								
PLAY	2.2	2.2	0	6.3	6.2	6.2	6.2	12.2	0	1.5	0	0								
REC	2.2	2.2	0	6.3	6.2	6.2	6.2	12.2	0	1.4	0	0								
F.F	2.2	2.2	0	6.2	6.2	6.2	6.2	12.2	0	4.6	0	0								
REW	2.2	2.2	0	6.2	6.2	6.2	6.2	12.2	4.8	6.7	0	0								

MOTOR DRIVE TR.s DC VOLTAGE CHART (SP MODE)

REF. NO.	QR6001																
MODE	1	2	3	4	5												
STOP	0	0	4.7	0	4.7												
PLAY	0	0	4.7	0	4.7												
REC	0	0	4.7	0	4.7												
F.F	7.3	7.3	0	0	0												
REW	7.3	7.3	0	0	0												

IC2002 (BA6871S)



SYSTEM CONTROL & SERVO ICs DC VOLTAGE CHART (SP MODE)

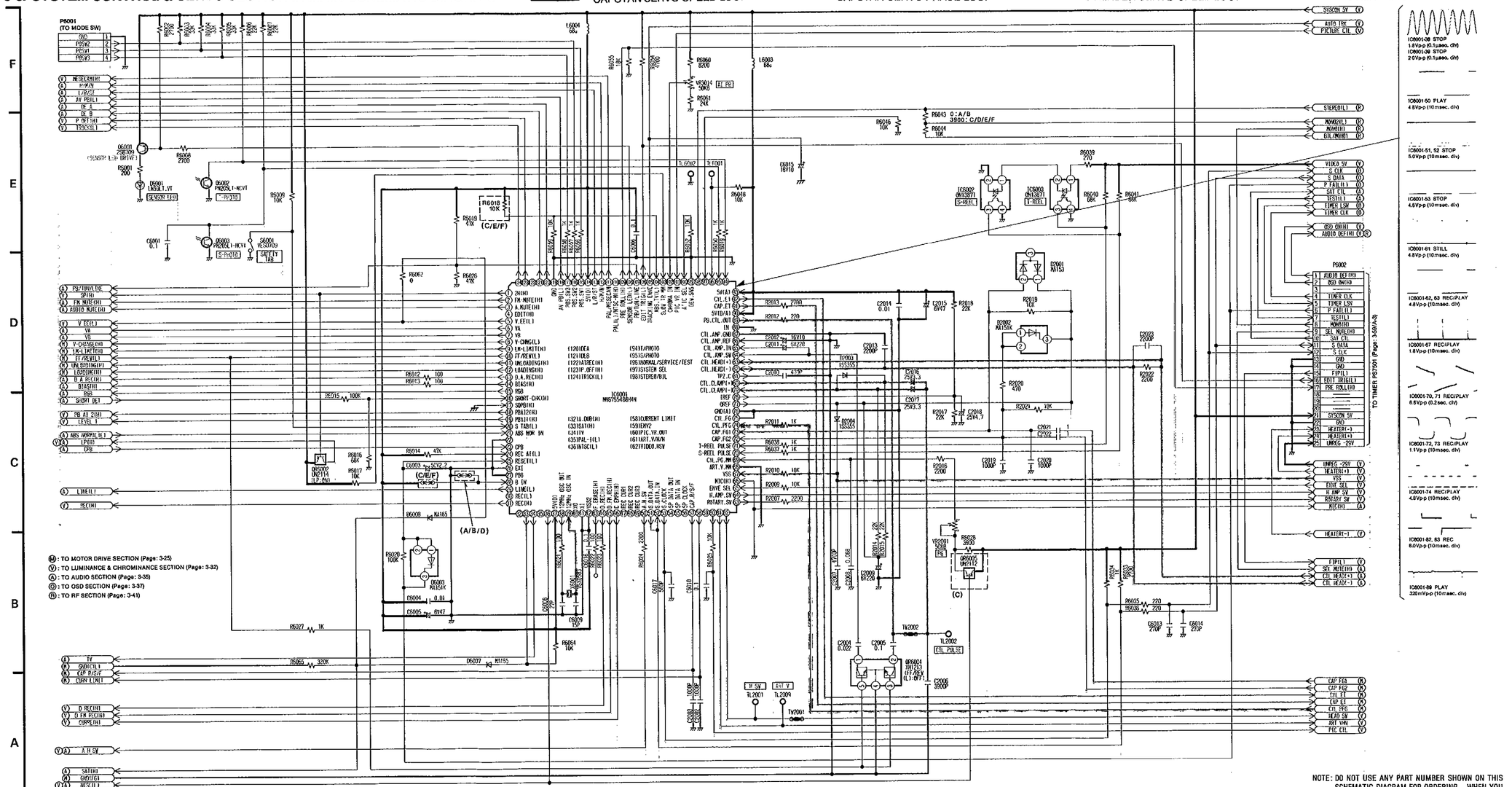
REF. NO.	IC6001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
STOP	4.8	0	0	0	0.1	4.8	0	4.8	0	4.7	0	0	0	0	4.8	0	0	4.8	0	0
PLAY	4.8	0	0	0	4.8	4.8	0	4.7	0	4.7	0	0	0	0	4.8	0	0	0	4.7	0
REC	4.8	0	0	0	0.1	4.8	0	4.8	0	4.7	0	0	4.7	4.8	4.8	4.2	0	4.7	0	0
F.F	4.8	0	0	0	0.1	4.8	0	0	0	0	0	0	0	0	4.8	0	0	4.8	0	0
REW	4.8	0	0	0	0.1	4.8	0	0	0	0	0	0	0	0	4.8	0	0	4.8	0	0
REF. NO.	IC6001																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
STOP	5.0	0	0	4.8	4.8	0	0	4.8	0	4.8	0.1	0	0	4.8	4.8	4.8	4.8	2.1	2.3	4.5
PLAY	5.0	0	0	4.8	4.8	0	0	4.8	0	4.8	0.1	0	0	4.8	4.8	4.8	4.8	2.0	2.1	4.5
REC	5.0	0	0	4.8	4.8	0	0	4.8	0	0	4.8	0	0	4.8	4.8	4.8	4.8	2.0	2.3	4.5
F.F	5.0	0	0	4.8	4.8	0	0	4.8	0	4.8	0.1	0	0	4.8	4.8	4.8	3.6	2.0	2.3	4.5
REW	5.0	0	0	4.8	4.8	0	0	4.8	0	4.8	0.1	0	0	4.8	4.8	4.8	4.8	2.1	2.3	4.5
REF. NO.	IC6001																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
STOP	0	0	0	0	0	0	0	0	0	0	4.5	4.5	4.4	0	0	0	1.9	0	4.8	3.7
PLAY	0	0	0	0	0	0	0	0	0	2.4	4.5	4.5	4.4	0	0	0	0	4.8	2.4	2.3
REC	0	0	4.8	4.8	4.8	0	4.8	4.8	0	0	4.5	4.5	4.4	0	0	0	0	4.8	4.4	3.6
F.F	0	0	0	0	0	0	0	0	0	0	4.5	4.5	4.4	0	0	0	0	4.8	4.8	3.6
REW	0	0	0	0	0	0	0	0	0	0	4.5	4.5	4.4	0	0	0	4.8	4.8	4.8	3.6
REF. NO.	IC6001																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
STOP	0	4.8	0	0	4.9	0	2.3	0	4.9	0	5.1	2.4	2.4	4.8	0	0	2.4	2.4	2.3	2.5
PLAY	0	2.4	2.4	0	4.9	0	2.3	0	3.1	5.0	3.8	2.3	2.4	1.1	0	0	2.4	2.4	2.4	2.3
REC	0	2.4	2.4	0	4.8	0	2.3	0	3.1	5.0	4.0	2.3	2.4	1.1	0	0	2.4	2.4	2.2	2.5
F.F	0	2.4	0	0	2.8	0	2.3	0	2.8	2.3	2.3	2.3	2.3	1.1	0	0	2.4	2.4	2.6	2.2
REW	0	2.4	0	0	4.8	0	2.3	0	3.1	2.3	2.3	2.3	2.4	1.1	0	0	2.4	2.4	2.2	2.5
REF. NO.	IC6001																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
STOP	4.8	0	0	0	2.4	2.4	0	0	2.4	4.8	1.3	4.5	4.8	4.8	4.9	4.8	0	5.0	0	0
PLAY	4.8	0	0	0	2.4	2.4	0	0	2.4	4.8	2.4	2.4	4.8	4.5	4.9	4.8	0	5.0	0	0
REC	4.7	2.3	2.8	0	2.4	2.3	0	0	2.4	4.8	2.3	2.3	4.8	4.5	4.9	4.8	0	5.0	0	0
F.F	4.8	0	0	0	2.4	2.4	0	0	2.3	4.8	2.1	2.4	4.8	4.7	4.9	4.8	0	5.0	0	0
REW	4.8	0	0	0	2.4	2.4	0	0	2.3	4.8	2.1	2.3	4.8	4.8	4.8	4.8	0	5.0	0	0
REF. NO.	IC6001																			
MODE	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
STOP	2.5	2.6	4.9	2.4	1.5	4.9	0	4.8	0	0	0	4.8	0	4.8	4.9	0	4.9	0	0	4.8
PLAY	2.5	2.6	4.9	2.4	2.6	4.9	4.8	0.1	0	0	0	4.8	0	4.8	0	0	4.8	4.8	0	4.8
REC	2.5	2.6	4.9	2.4	0.7	4.9	0	0.1	0	0	0	4.8	0	4.8	0	0	4.9	0	0	4.8
F.F	2.5	2.6	4.9	2.4	1.9	4.9	0	0.1	0	0	0	4.8	0	4.8	0	4.9	4.9	0	0	4.8
REW	2.5	2.6	4.8	2.4	1.5	4.9	0	0.1	0	0	0	4.8	0	4.8	0	4.9	4.9	0	0	4.8
REF. NO.	IC6001																			
MODE	121	122	123	124																
STOP	4.8	0	0	4.8																
PLAY	4.8	0	0	4.8																
REC	4.8	0	0	4.8																
F.F	4.8	0	0	4.8																
REW	4.8	0	0	4.8																
REF. NO.	IC6002									IC6003										
MODE	1	2	3	4						1	2	3	4							
STOP	1.1	0	0	0						2.3	1.1	0	0							
PLAY	1.1	0	5.0	0						2.3	1.1	3.4	0							
REC	1.1	0	5.0	0						2.3	1.1	4.0	0							
F.F	1.1	0	2.3	0						2.3	1.1	2.3	0							
REW	1.1	0	2.3	0						2.3	1.1	2.3	0							

SYSTEM CONTROL & SERVO TR.s DC VOLTAGE CHART (SP MODE)

REF. NO.	Q6001			Q6002			Q6003													
MODE	E	C	B	E	C		E	C												
STOP	4.9	−0.8	4.9	0	4.6		0	4.9												
PLAY	4.9	4.8	4.1	0	4.6		0	4.9												
REC	4.9	4.8	4.1	0	4.6		0	4.9												
F.F	4.9	4.8	4.1	0	4.6		0	4.8												
REW	4.9	4.8	4.1	0	4.6		0	4.8												

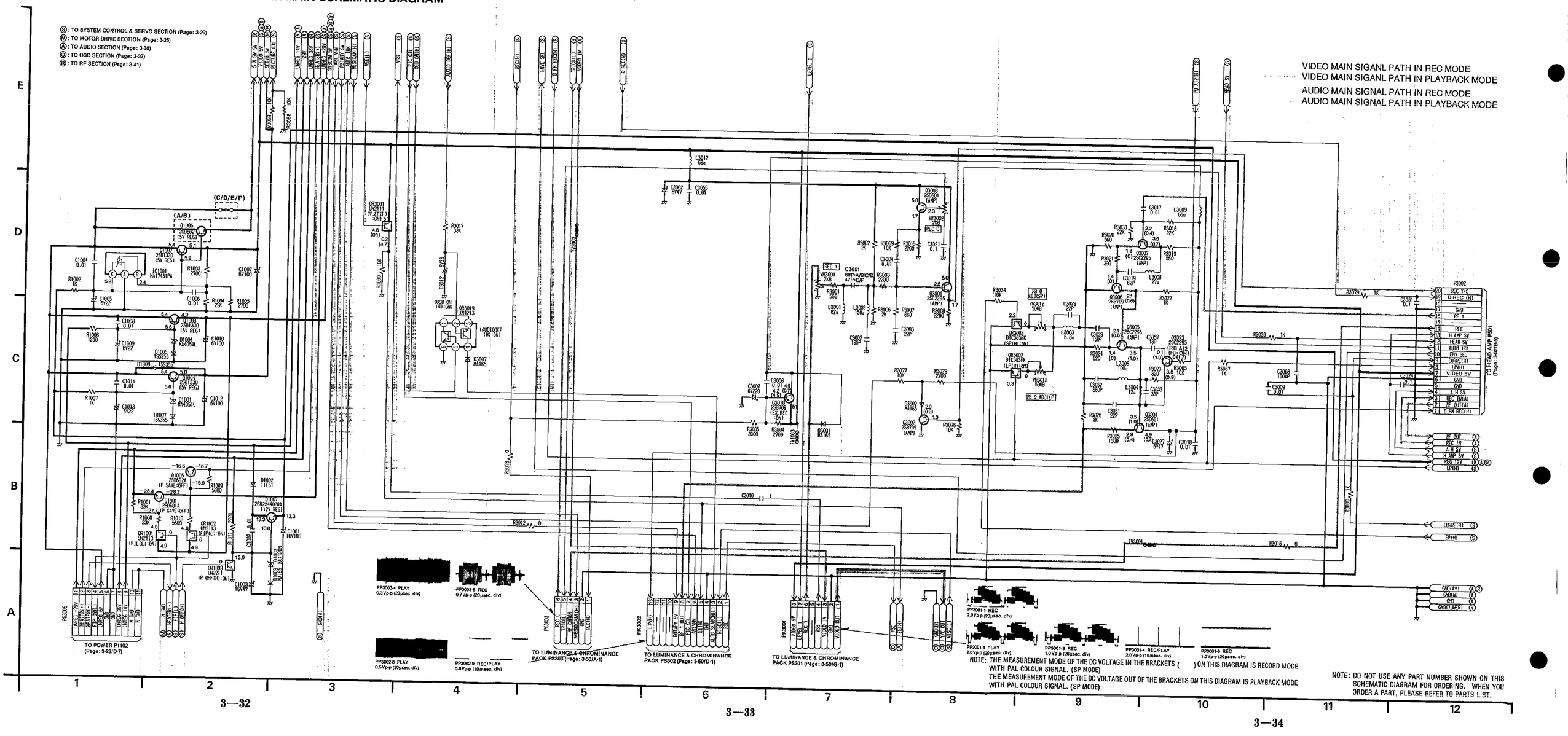
3-8. SYSTEM CONTROL & SERVO SECTION IN MAIN SCHEMATIC DIAGRAM

CAPSTAN SERVO SPEED LOOP — CAPSTAN SERVO PHASE LOOP — CYLINDER SERVO SPEED LOOP — CYLINDER SERVO PHASE LOOP


P5001 (TO MODE SW)
IC6001 MN6756486HN
IC6002 QN13871 (S-REEL)
IC6003 QN13871 (T-REEL)
P5002
TO TIMER P5750? (Page: 3-50?A-3)
(C/E/F)
(A/B/D)
(C)
(M): TO MOTOR DRIVE SECTION (Page: 3-25)
(V): TO LUMINANCE & CHROMINANCE SECTION (Page: 3-32)
(A): TO AUDIO SECTION (Page: 3-35)
(O): TO OSD SECTION (Page: 3-37)
(R): TO RF SECTION (Page: 3-41)
IC6001-50 PLAY 4.8Vp-p (10msec. div)
IC6001-51, 52 STOP 5.0Vp-p (10msec. div)
IC6001-53 STOP 4.8Vp-p (10msec. div)
IC6001-61 STILL 4.8Vp-p (10msec. div)
IC6001-62, 63 REC/PLAY 4.8Vp-p (10msec. div)
IC6001-67 REC/PLAY 1.8Vp-p (10msec. div)
IC6001-70, 71 REC/PLAY 6.6Vp-p (0.2sec. div)
IC6001-72, 73 REC/PLAY 1.1Vp-p (10msec. div)
IC6001-74 REC/PLAY 4.8Vp-p (10msec. div)
IC6001-82, 83 REC 8.0Vp-p (10msec. div)
IC6001-89 PLAY 320mVp-p (10msec. div)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-9. LUMINANCE & CHROMINANCE SECTION IN MAIN SCHEMATIC DIAGRAM


Ⓢ : TO SYSTEM CONTROL & SERVO SECTION (Page: 3-29)
Ⓜ : TO MOTOR DRIVE SECTION (Page: 3-25)
Ⓐ : TO AUDIO SECTION (Page: 3-35)
Ⓞ : TO OSD SECTION (Page: 3-37)
Ⓡ : TO RF SECTION (Page: 3-41)
VIDEO MAIN SIGANL PATH IN REC MODE
VIDEO MAIN SIGANL PATH IN PLAYBACK MODE
AUDIO MAIN SIGNAL PATH IN REC MODE
AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE
TO POWER P1102 (Page: 3-23/D-7)
TO LUMINANCE & CHROMINANCE PACK PS303 (Page: 3-50/A-1)
TO LUMINANCE & CHROMINANCE PACK PS302 (Page: 3-50/D-1)
TO LUMINANCE & CHROMINANCE PACK PS301 (Page: 3-50/G-1)
TO HEAD AMP P501 (Page: 3-42/B-6)
PP3003-4 PLAY 0.3Vp-p (20μsec. div)
PP3003-6 REC 0.7Vp-p (20μsec. div)
PP3002-8 PLAY 0.5Vp-p (20μsec. div)
PP3002-9 REC/PLAY 5.0Vp-p (10msec. div)
PP3001-1 REC 2.0Vp-p (20μsec. div)
PP3001-1 PLAY 2.0Vp-p (20μsec. div)
PP3001-3 REC 1.0Vp-p (20μsec. div)
PP3001-4 REC/PLAY 2.0Vp-p (10msec. div)
PP3001-6 REC 1.0Vp-p (20μsec. div)
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.
3—32
3—33
3—34

3-10. AUDIO SECTION IN MAIN SCHEMATIC DIAGRAM

VIDEO MAIN SIGNAL PATH IN REC MODE
VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE
AUDIO MAIN SIGNAL PATH IN REC MODE
AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE

Ⓢ : TO SYSTEM CONTROL & SERVO SECTION (Page: 3-29)
Ⓥ : TO LUMINANCE & CHROMINANCE SECTION (Page: 3-32)
Ⓞ : TO OSD SECTION (Page: 3-37)
Ⓡ : TO RF SECTION (Page: 3-41)

TO INPUT/OUTPUT PACK PS3901 (Page: 3-55/C-1)
TO INPUT/OUTPUT PACK PS3903 (Page: 3-55/A-1)
TO INPUT/OUTPUT PACK PS3904 (Page: 3-55/B-14)
TO HI-FI AUDIO PACK PK4501 (Page: 3-53/E-1)
TO HI-FI AUDIO PACK PK4502 (Page: 3-53/D-1)
TO HI-FI AUDIO PACK PK4503 (Page: 3-53/B-1)
TO TIMER PS7502 (Page: 3-59/C-9)
TO INPUT/OUTPUT PACK PS3902 (Page: 3-55/B-1)

PK4002-5 PLAY 1.5Vp-p (5μsec. div)
PK4002-7 REC/PLAY 4.6Vp-p (10msec. div)
PK4002-8 REC 120mVp-p (5μsec. div)
PK4002-11 REC/PLAY 520mVp-p (0.5msec. div)
PK4001-5, 7 REC 200mVp-p (0.5msec. div)
PK4003-1 REC/PLAY 540mVp-p (0.5msec. div)
PK4003-7 REC/PLAY 610mVp-p (0.5msec. div)
PK4003-9 REC 220mVp-p (0.5msec. div)
Q4009-C REC 22Vp-p (10μsec. div)

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)

THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

• LINE IN SIGNAL LEVEL....—10dB 1kHz

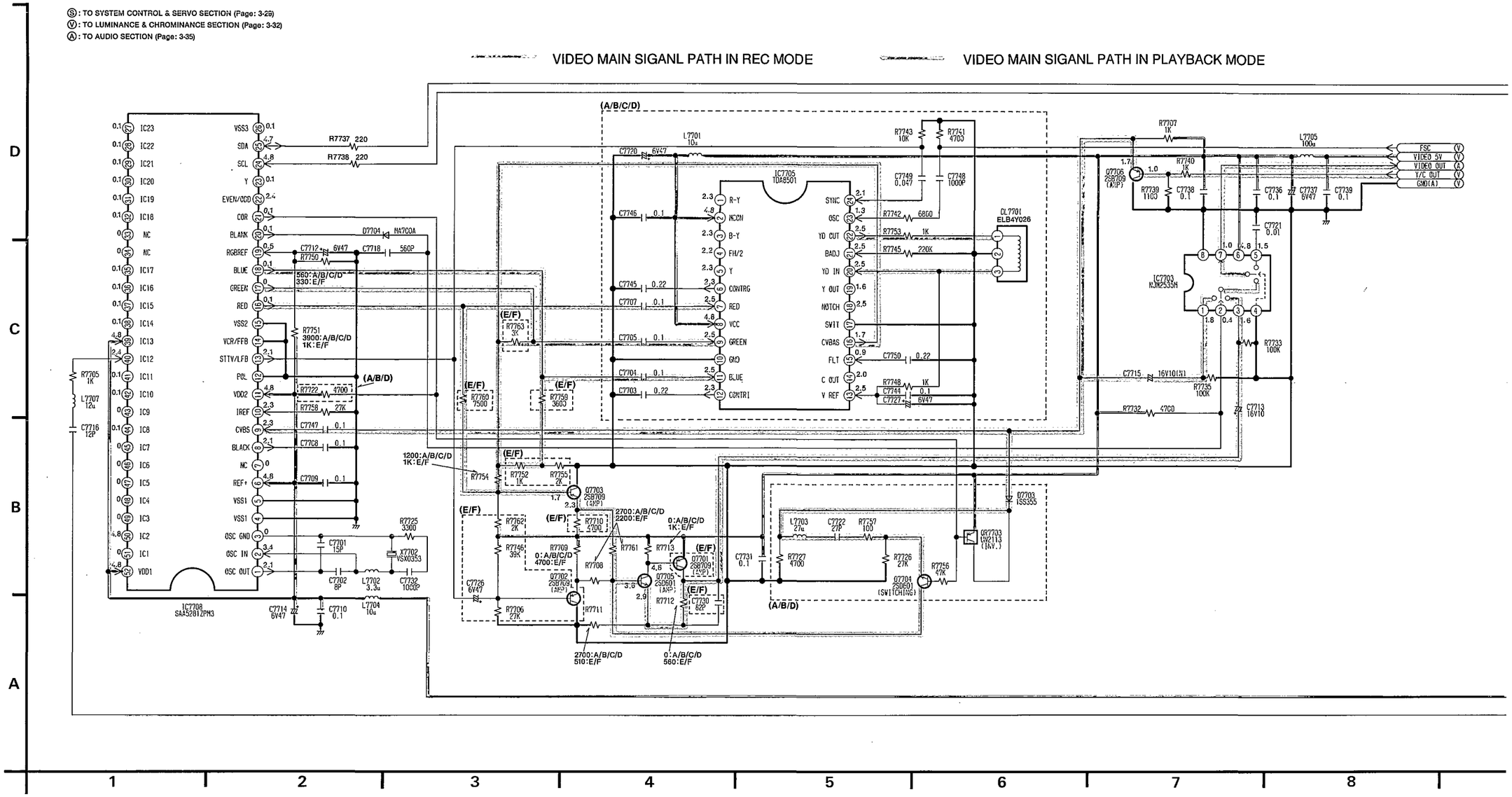
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

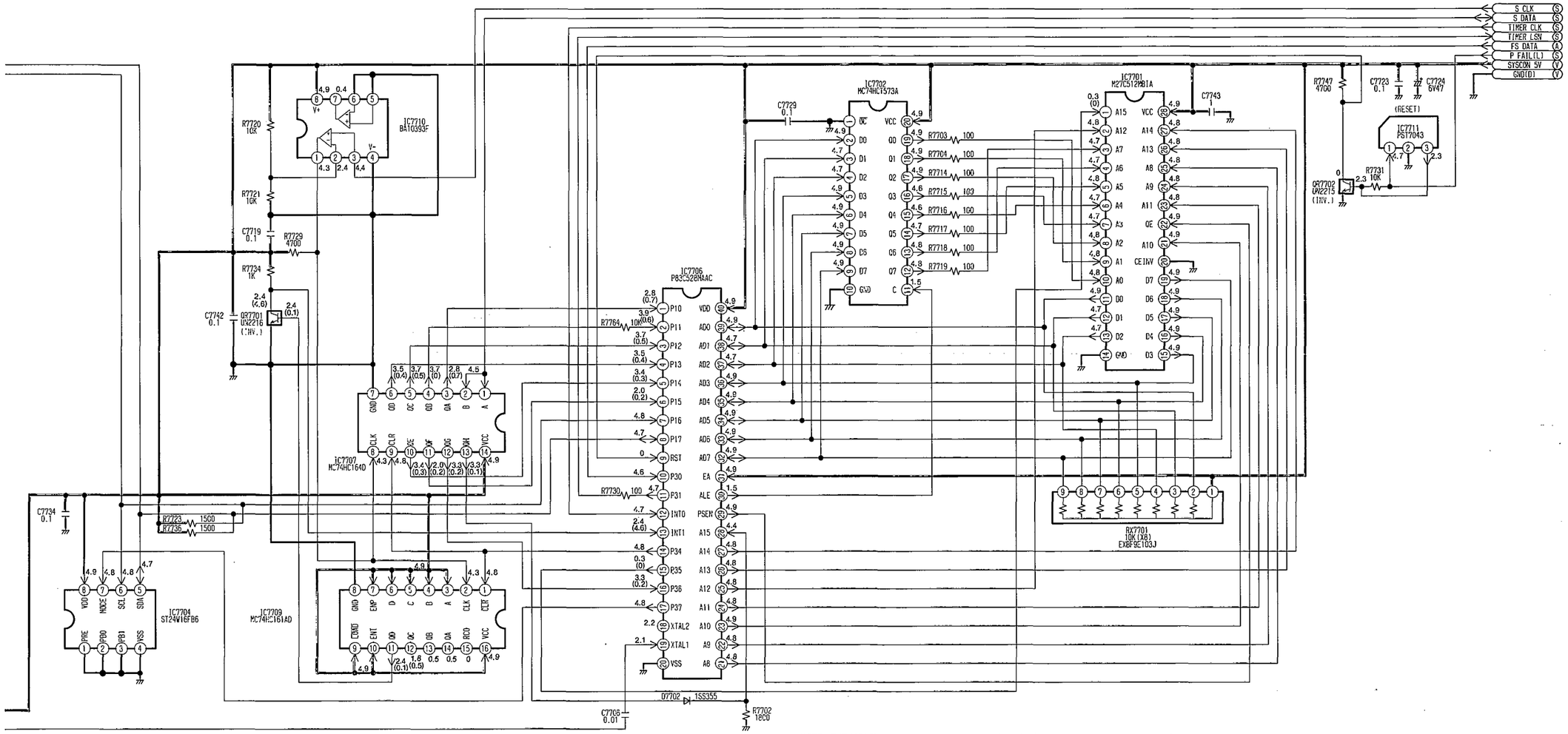
3-11. OSD SECTION IN MAIN SCHEMATIC DIAGRAM

Ⓢ : TO SYSTEM CONTROL & SERVO SECTION (Page: 3-29)
Ⓥ : TO LUMINANCE & CHROMINANCE SECTION (Page: 3-32)
Ⓐ : TO AUDIO SECTION (Page: 3-35)

VIDEO MAIN SIGANL PATH IN REC MODE

VIDEO MAIN SIGANL PATH IN PLAYBACK MODE



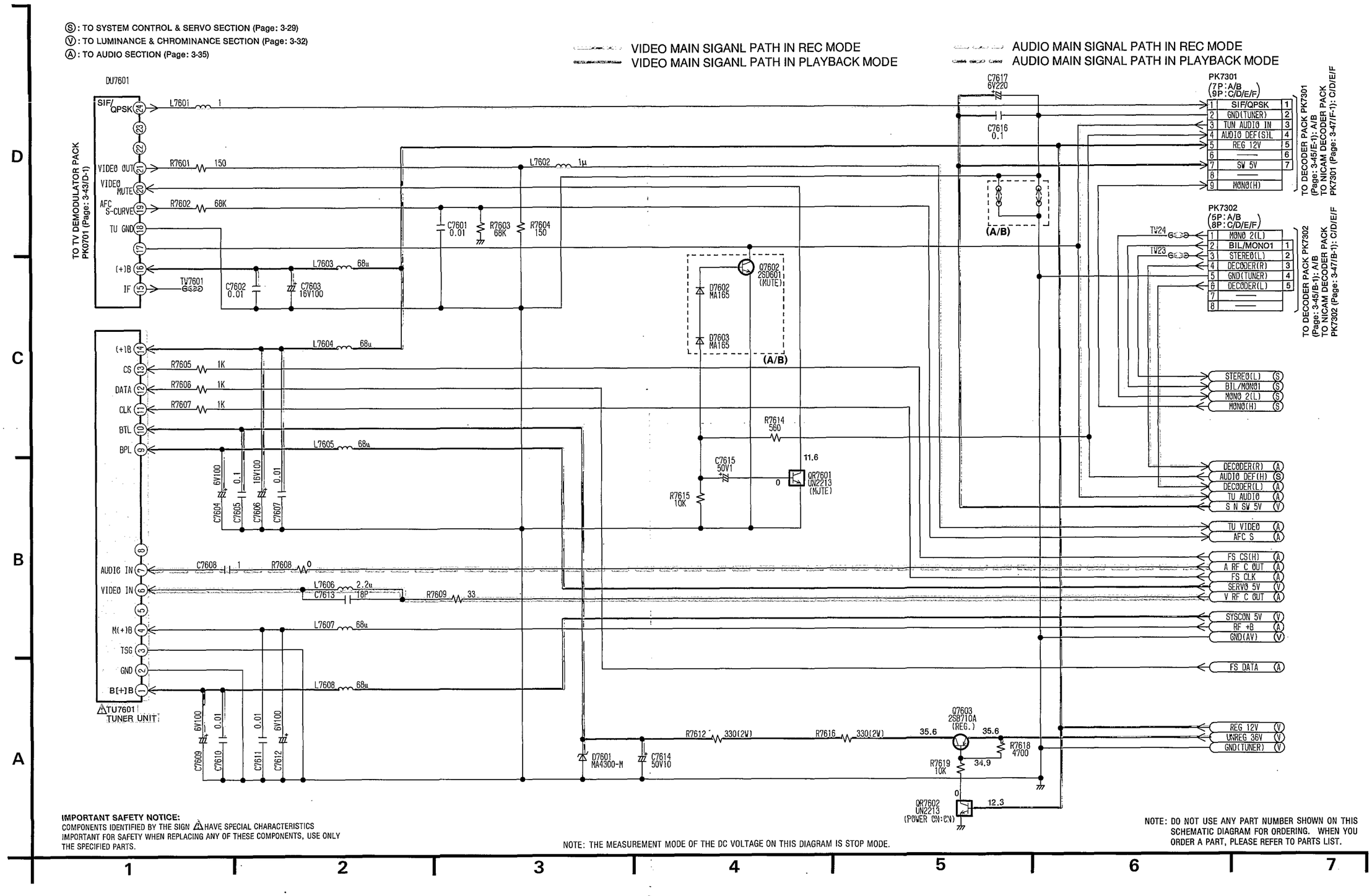


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE).

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

9 10 11 12 13 14 15 16 17

3-12. RF SECTION IN MAIN SCHEMATIC DIAGRAM

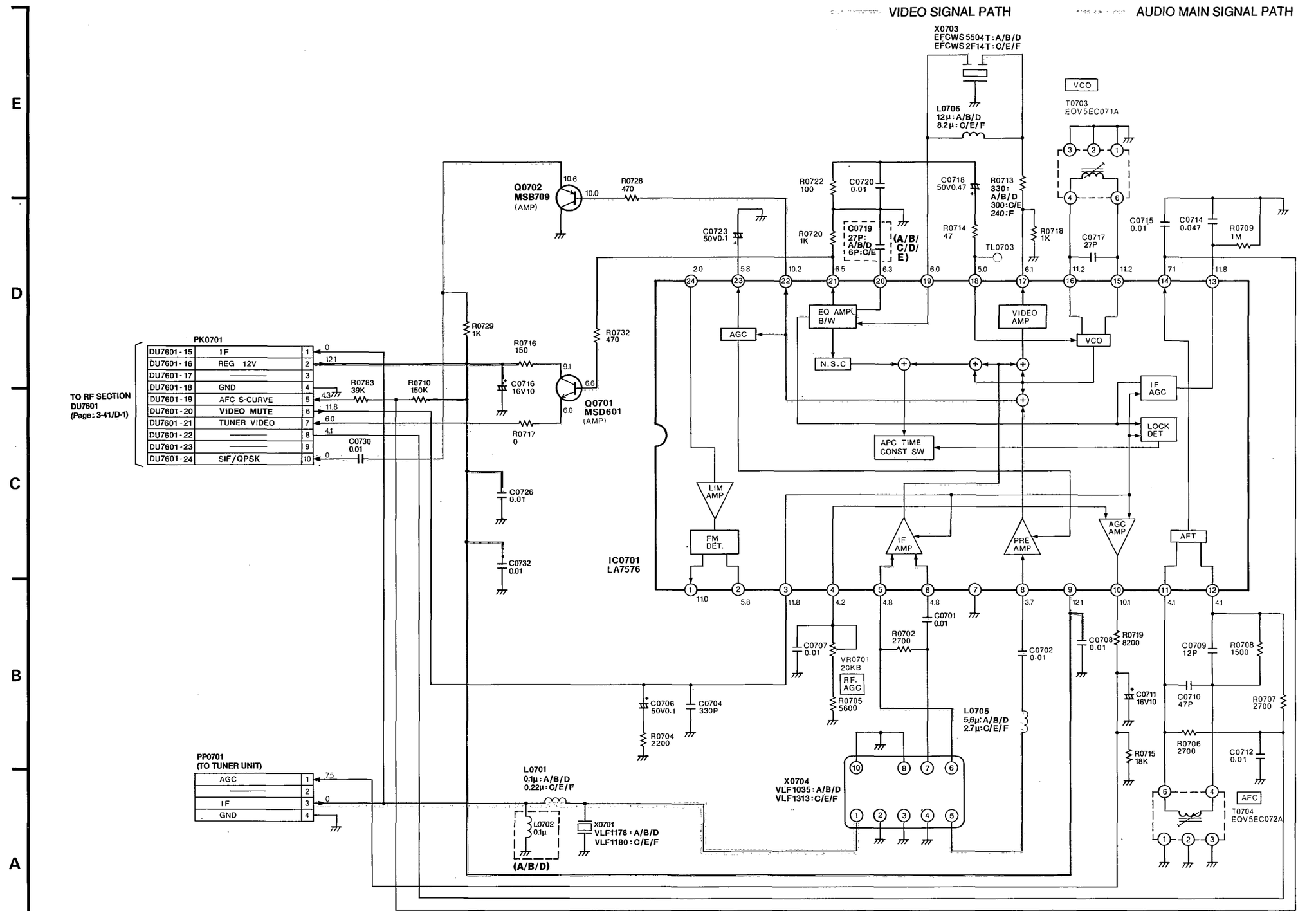


IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED BY THE SIGN ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SPECIFIED PARTS.

NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-13. TV DEMODULATOR PACK SCHEMATIC DIAGRAM



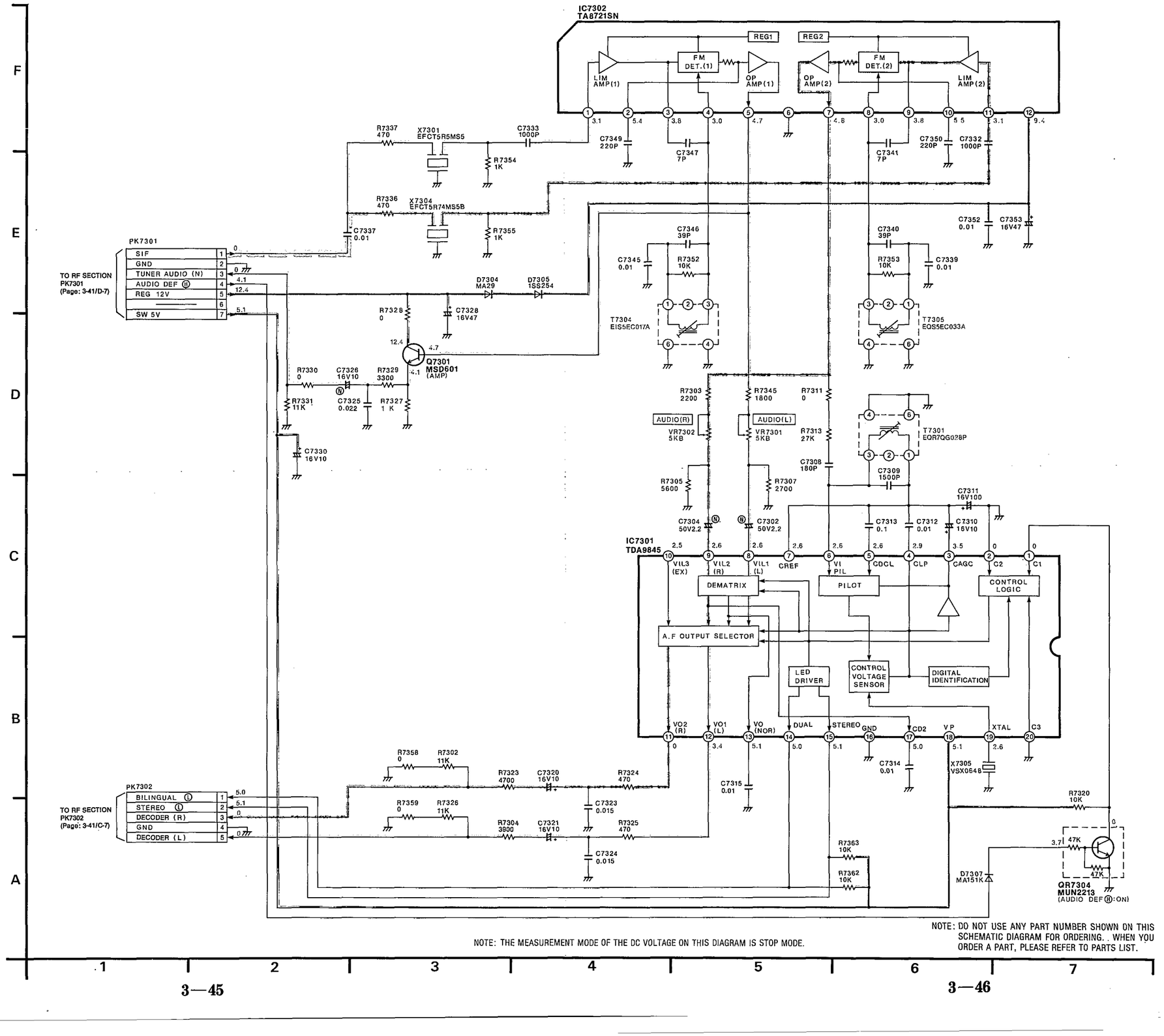
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-14. DECODER PACK SCHEMATIC DIAGRAM (NV-HD610EG/EGH)

AUDIO MAIN SIGNAL PATH

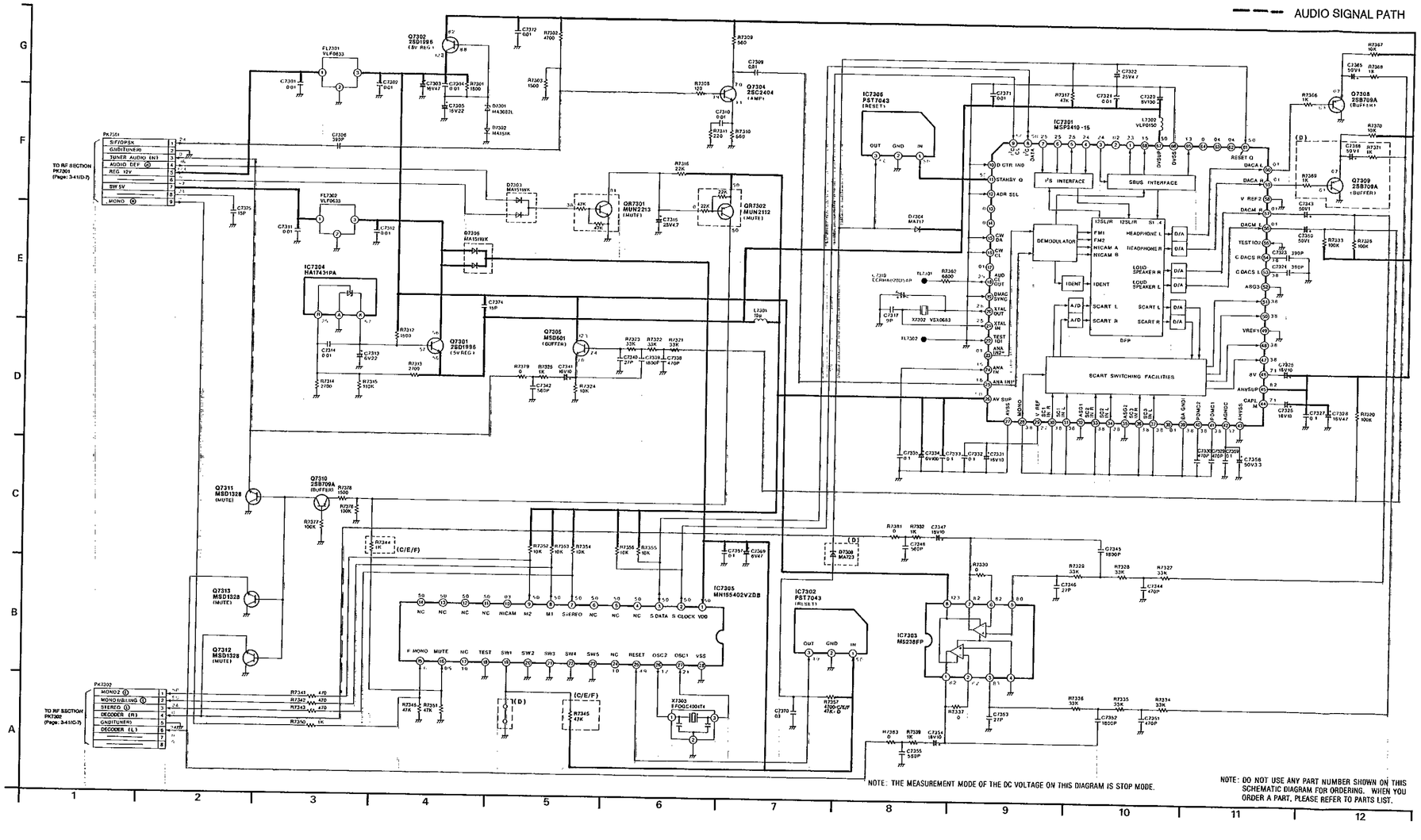
AUDIO SUB SIGNAL PATH



NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. . WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-15. NICAM DECODER PACK SCHEMATIC DIAGRAM (NV-HD610B/EC, HD605B/BL)


AUDIO SIGNAL PATH
TO RF SECTION PK7201 (Page: 3-41/C-7)
TO RF SECTION PK7202 (Page: 3-41/C-7)
IC7306 PST7643 (RESET)
IC7201 MSP3410-15
IC7304 HA17431PA
IC7305 MN155402V2DB
IC7302 PST7043 (RESET)
IC7303 M52358FP
Q7310 2SB709A (BUFFER)
Q7308 2SB709A (BUFFER)
Q7309 2SB709A (BUFFER)
Q7311 MSD1328 (MUTE)
Q7312 MSD1328 (MUTE)
Q7313 MSD1328 (MUTE)
Q7301 2SD1898 (5V REG)
Q7302 2SD1996 (8V REG)
Q7304 2SC2404
Q7305 MSD601 (BUFFER)
QR7301 MUN2213 (MUTE)
QR7302 MUN2112 (MUTE)
SCART SWITCHING FACILITIES
DEMODULATOR
I²C INTERFACE
SBUS INTERFACE
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

TV SYSTEM SELECT

IC7305		TV SYSTEM	SOUND MODULATION
SW1	SW2		
L	L	B/G	FM-MONO/NICAM GERMAN MULTIPLEX
H	L	I	FM-MONO/NICAM
*	H	M	FM-MONO

*: DO NOT CARE

FM-MONO MODE SELECT

IC7305 SW3	FM-MONO MODE	FM-MONO SOURCE
L	INT	SIF (IF INPUT1, IF INPUT2)
H	EXT	AUDIO MULTI (MONO IN)

SIF INPUT SELECT

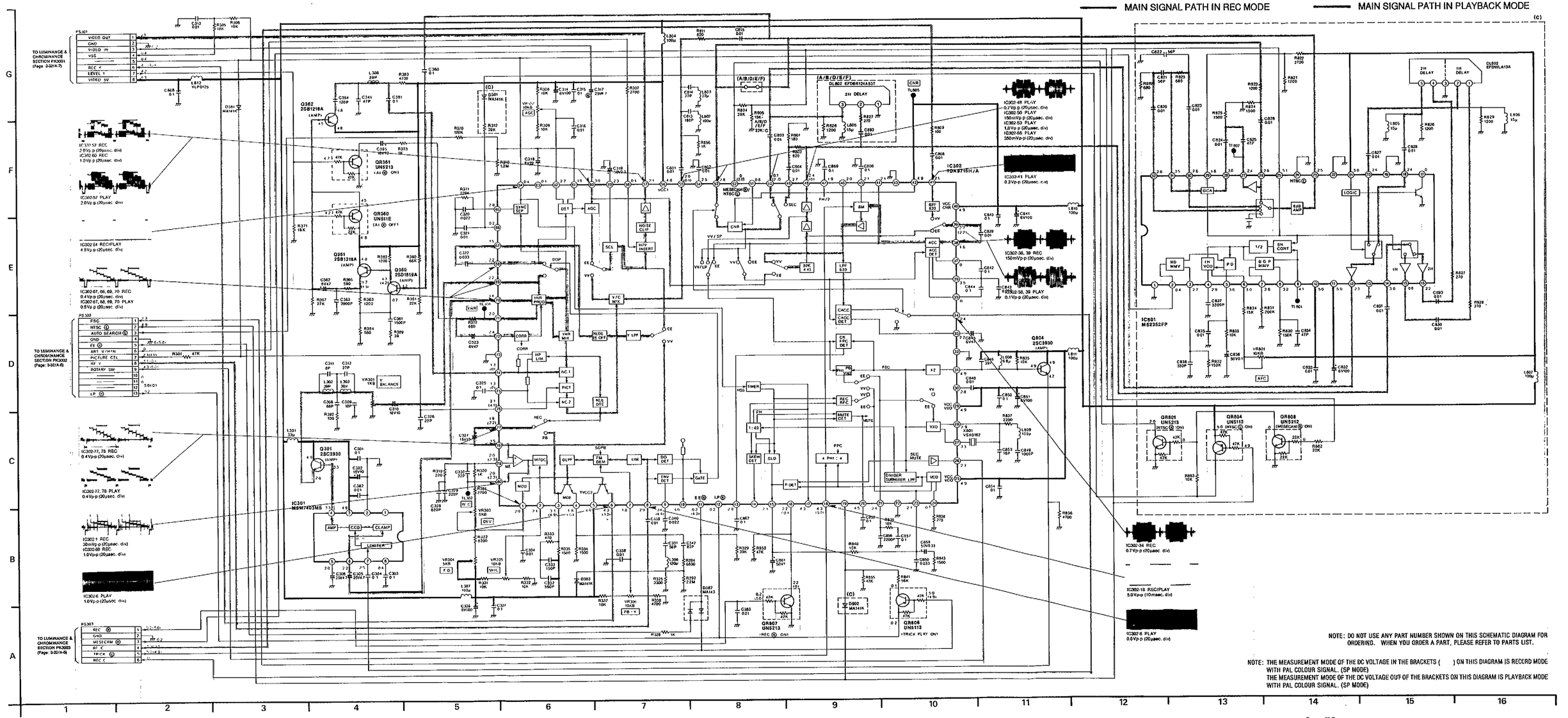
IC7305 SW4	SIF INPUT
L	IF INPUT 1
H	IF INPUT 2

AUDIO OUTPUT SELECT

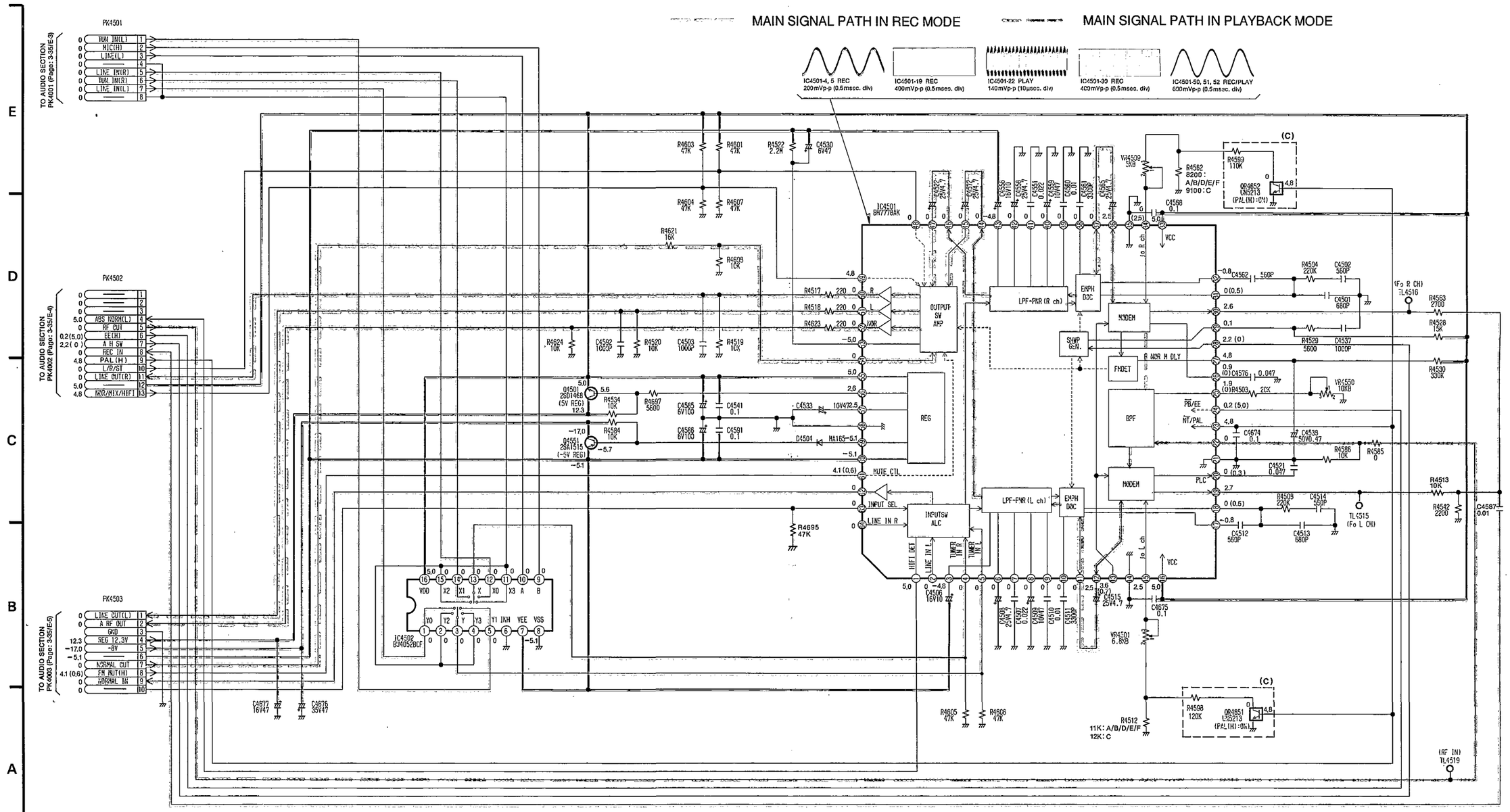
INPUT TV SYSTEM	SOUND MODULATION	FM-MONO MODE	MAIN OUTPUT		SUB OUTPUT	
			INPUT SOURCE	MATRIX	INPUT SOURCE	MATRIX
B/G	MONO	INT	IF INPUT 1/2 (FM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL
		EXT	MONO IN	MONAURAL	MONO IN	MONAURAL
	NICAM STEREO	INT	IF INPUT 1/2 (NICAM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (NICAM)	STEREO	MONO IN	MONAURAL
	NICAM M1/DATA	INT	IF INPUT 1/2 (NICAM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (NICAM)	MONAURAL	MONO IN	MONAURAL
	NICAM M1/M2	INT	IF INPUT 1/2 (NICAM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (NICAM)	STEREO	MONO IN	MONAURAL
	NICAM DATA	INT	IF INPUT 1/2 (FM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL
		EXT	MONO IN	MONAURAL	MONO IN	MONAURAL
	STEREO	INT	IF INPUT 1/2 (FM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
	BILINGUAL	INT	IF INPUT 1/2 (FM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
I	MONO	INT	IF INPUT 1/2 (FM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL
		EXT	MONO IN	MONAURAL	MONO IN	MONAURAL
	NICAM STEREO	INT	IF INPUT 1/2 (NICAM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (NICAM)	STEREO	MONO IN	MONAURAL
	NICAM M1/DATA	INT	IF INPUT 1/2 (NICAM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (NICAM)	MONAURAL	MONO IN	MONAURAL
	NICAM M1/M2	INT	IF INPUT 1/2 (NICAM)	STEREO	IF INPUT 1/2 (FM)	MONAURAL
		EXT	IF INPUT 1/2 (NICAM)	STEREO	MONO IN	MONAURAL
	NICAM DATA	INT	IF IMPUT 1/2 (FM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL
		EXT	MONO IN	MONAURAL	MONO IN	MONAURAL
M	MONO	INT	IFINPUT 1/2 (FM)	MONAURAL	IF INPUT 1/2 (FM)	MONAURAL

Note: When the IC7305-15 (F MONO) is high, both the MAIN OUTPUT and the SUB OUTPUT apply the FM-MONO audio.

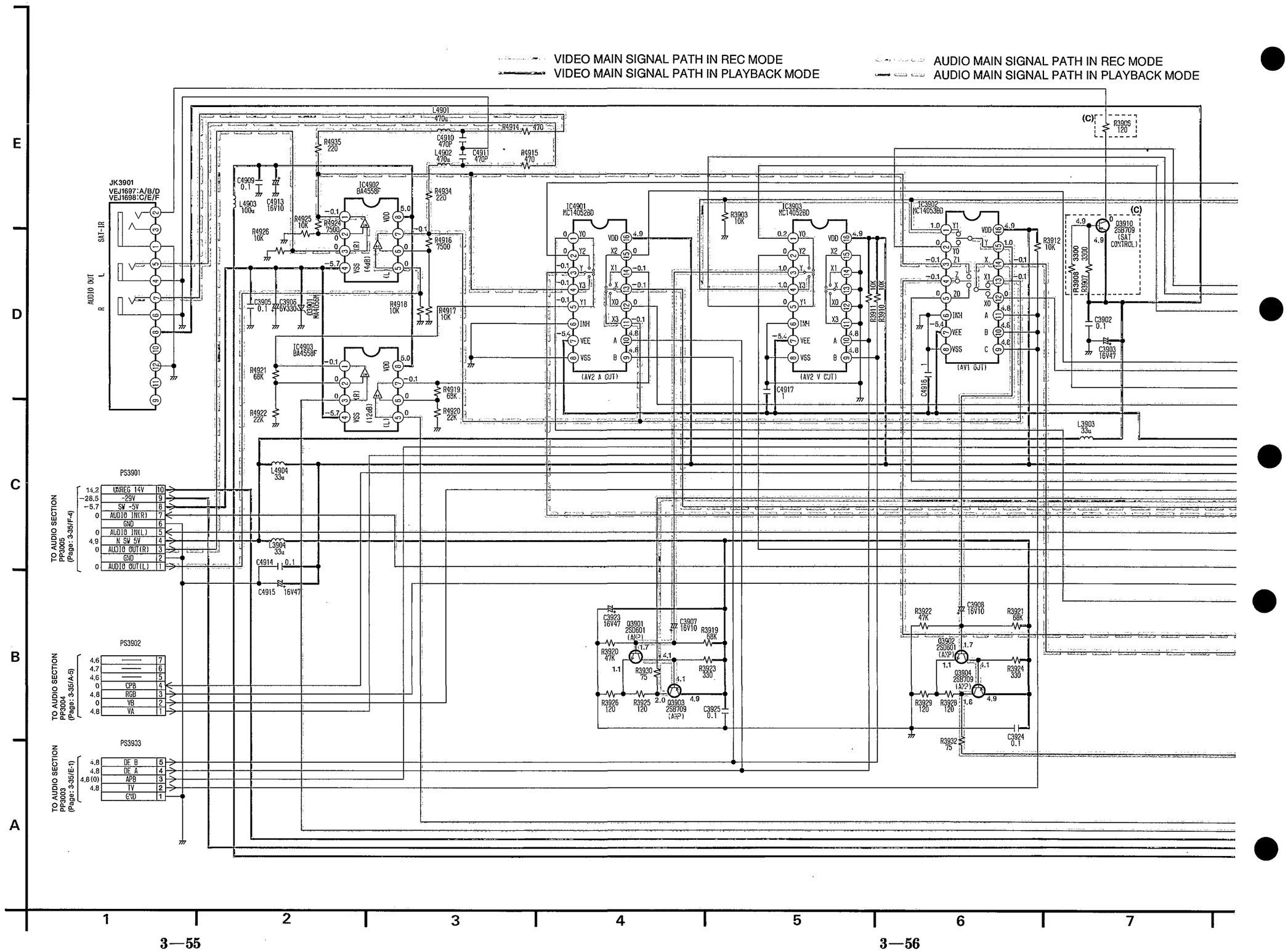
3-16. LUMINANCE & CHROMINANCE PACK SCHEMATIC DIAGRAM

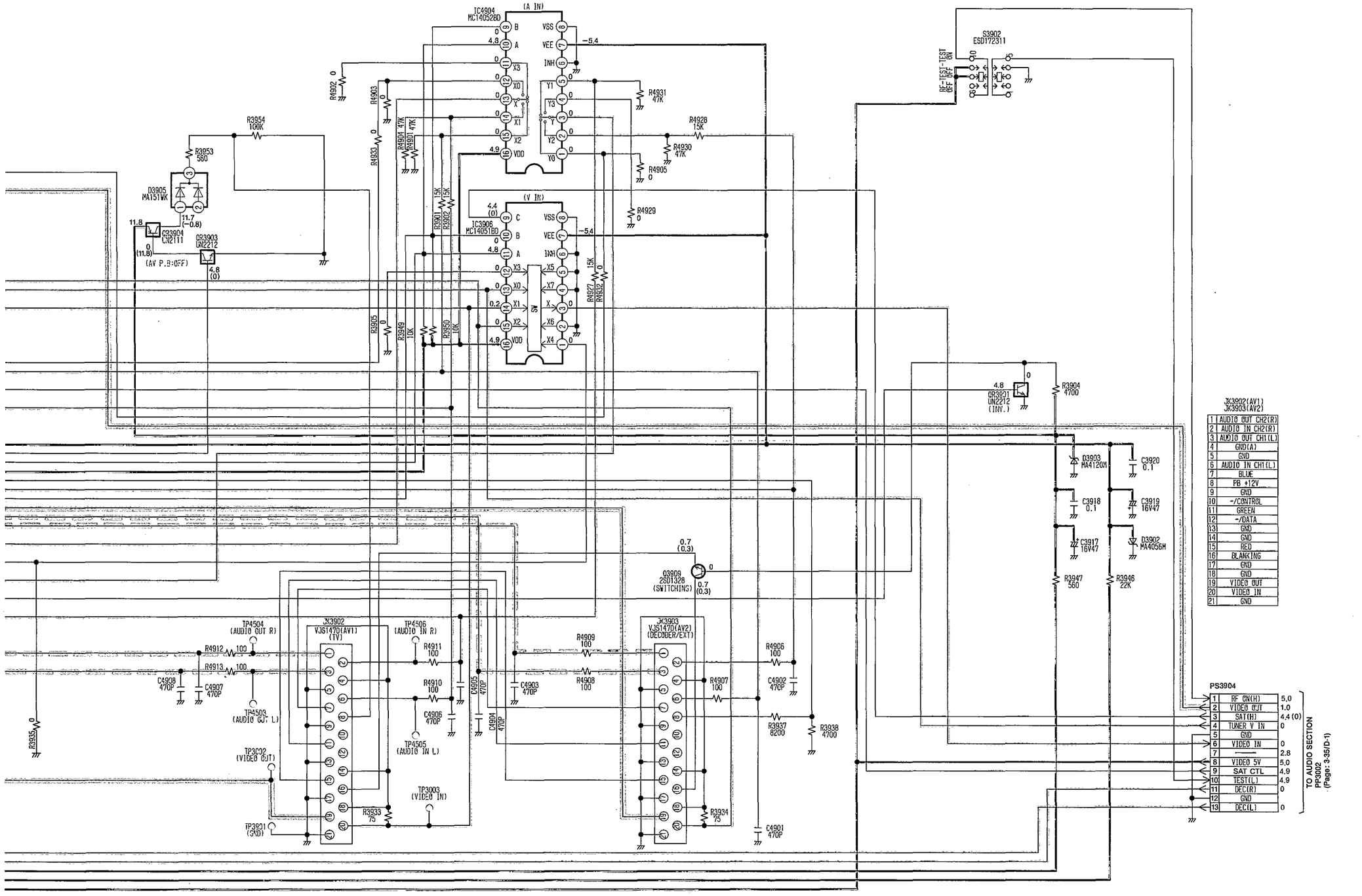

MAIN SIGNAL PATH IN REC MODE
MAIN SIGNAL PATH IN PLAYBACK MODE
TO LUMINANCE & CHROMINANCE SECTION PK3001 (Page: 3-32/A-7)
TO LUMINANCE & CHROMINANCE SECTION PK3002 (Page: 3-32/A-8)
TO LUMINANCE & CHROMINANCE SECTION PK3003 (Page: 3-32/A-9)
IC301 M5M74051MS
IC501 M62352FP
IC302 TDA9715H/A
Q362 2SB1218A
Q361 2SB1218A
Q360 2SD1819A
Q301 2SC3930
Q804 2SC3930
QR360 UN511E
QR361 UN5213
QR801 UN5218
QR804 UN5113
QR808 UN5212
QR807 UN5213
QR806 UN5112
DL802 EFDBR12A53T
DL802 EFDWL413A
IC302-57 REC 2.0Vp-p (PB:psec. div)
IC302-60 REC 1.0Vp-p (20psec. div)
IC302-57 PLAY 2.0Vp-p (20psec. div)
IC302-64 REC/PLAY 4.8Vp-p (20psec. div)
IC302-67, 68, 69, 70 REC 0.4Vp-p (20psec. div)
IC302-67, 68, 69, 73 PLAY 0.5Vp-p (20psec. div)
IC302-77, 78 REC 0.4Vp-p (20psec. div)
IC302-77, 78 PLAY 0.4Vp-p (20psec. div)
IC302-1 REC 30mVp-p (20psec. div)
IC302-60 REC 1.0Vp-p (20psec. div)
IC302-6 PLAY 1.0Vp-p (20psec. div)
IC302-48 PLAY 0.2Vp-p (20psec. div)
IC302-50 PLAY 150mVp-p (20psec. div)
IC302-53 PLAY 1.0Vp-p (20psec. div)
IC302-55 PLAY 350mVp-p (20psec. div)
IC302-41 PLAY 0.3Vp-p (20psec. div)
IC302-36, 39 REC 150mVp-p (20psec. div)
IC302-32, 39 PLAY 0.1Vp-p (20psec. div)
IC302-34 REC 0.7Vp-p (20psec. div)
IC302-18 REC/PLAY 5.0Vp-p (10msec. div)
IC302-6 PLAY 0.5Vp-p (20psec. div)
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

3-17. Hi-Fi AUDIO PACK SCHEMATIC DIAGRAM



3-18. INPUT/OUTPUT PACK SCHEMATIC DIAGRAM



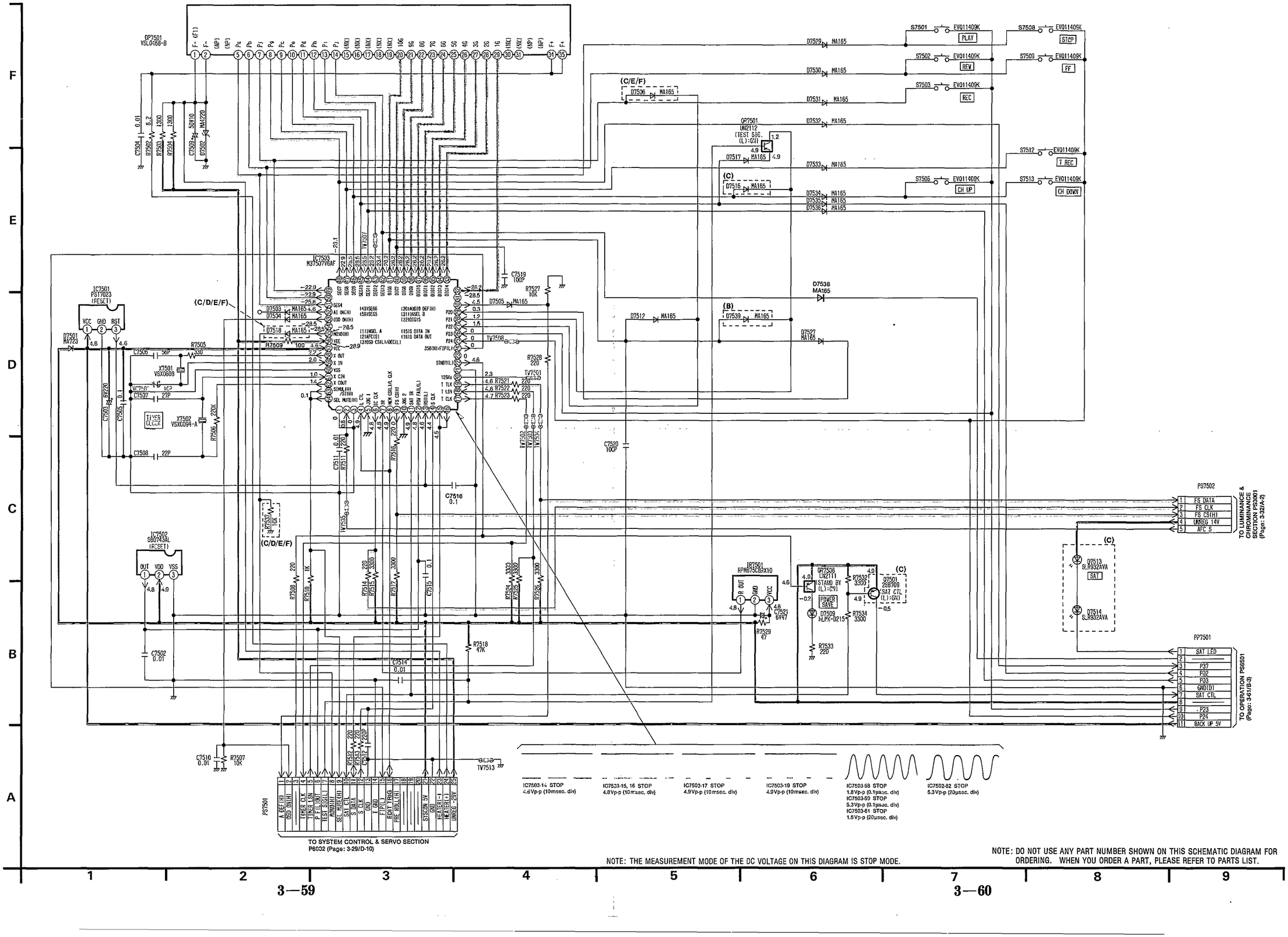


NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

3-19. TIMER SCHEMATIC DIAGRAM

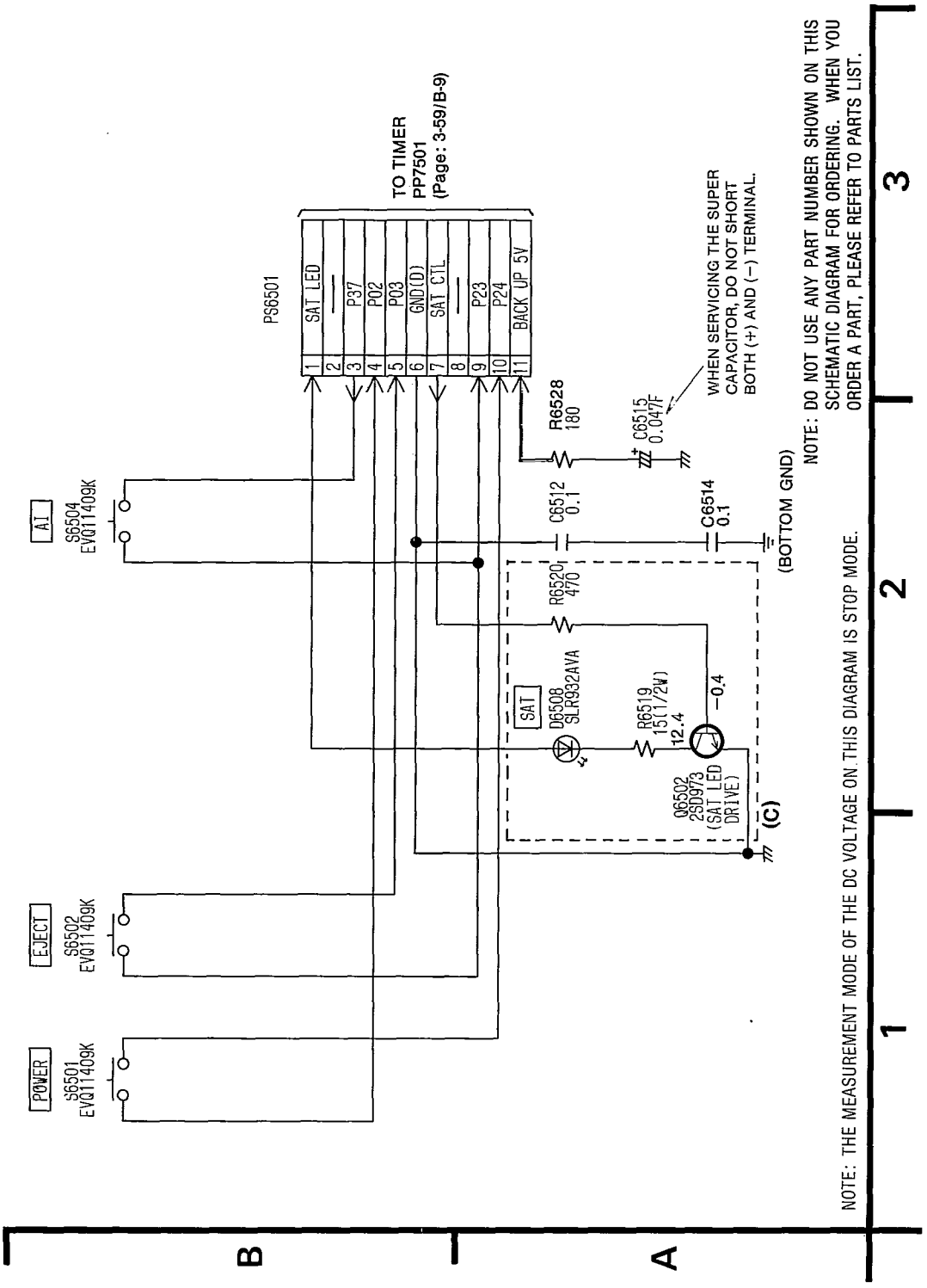
SEGMENT CONTROL SIGNAL GRID CONTROL SIGNAL TUNE CONTROL SIGNAL



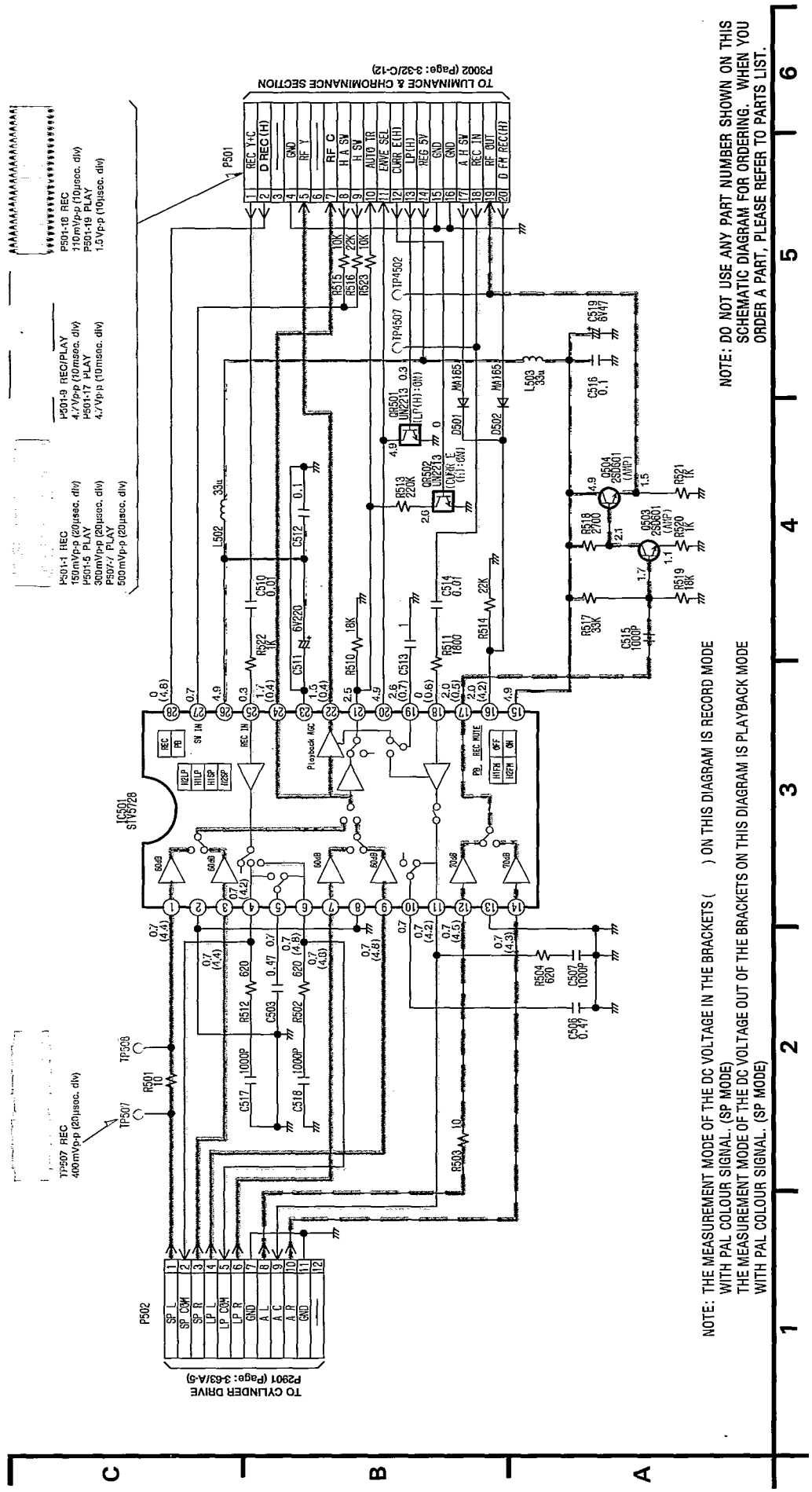
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP MODE.

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.

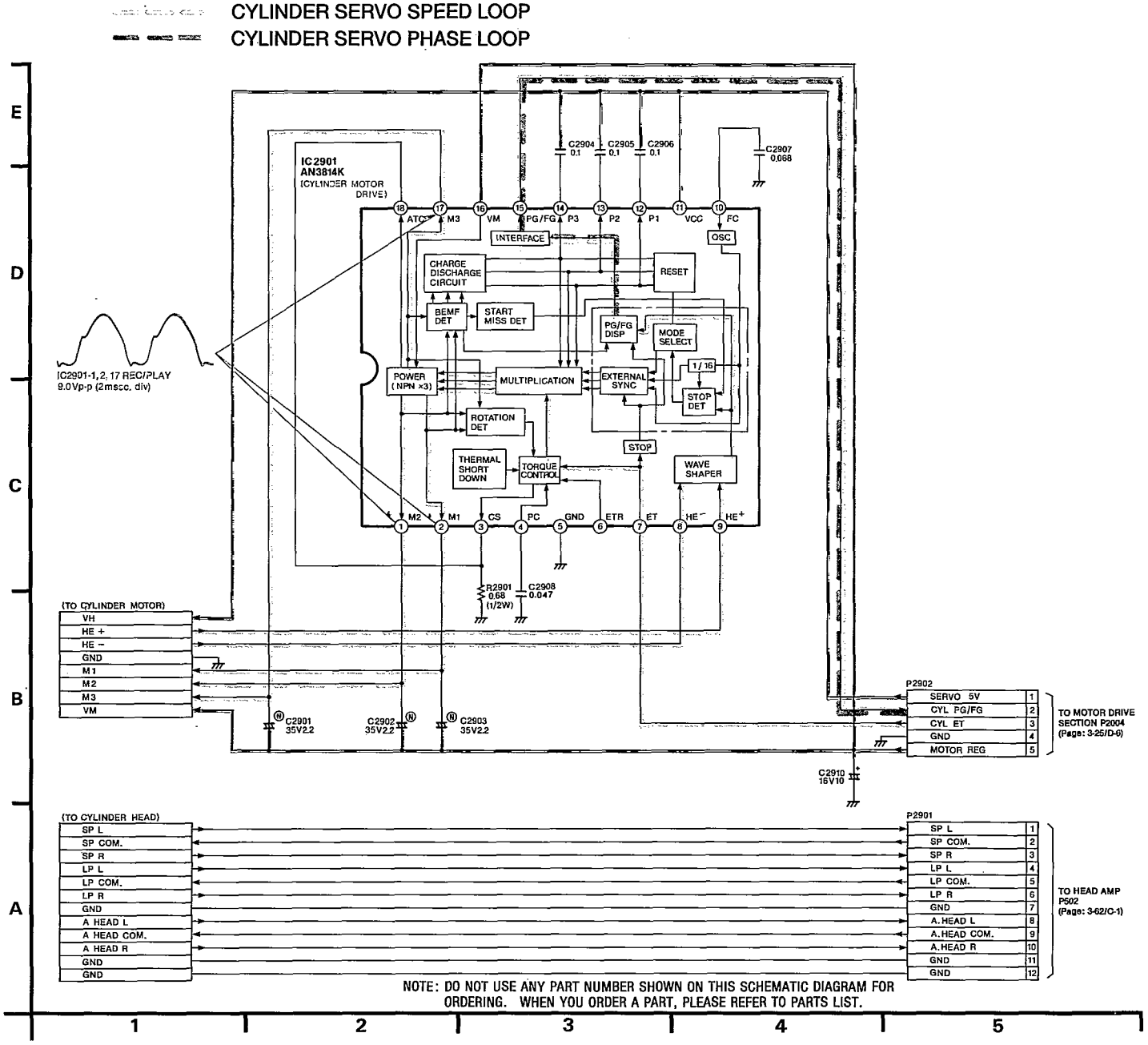
3-20. OPERATION SCHEMATIC DIAGRAM



3-21. HEAD AMP SCHEMATIC DIAGRAM


VIDEO MAIN SIGANL PATH IN REC MODE
VIDEO MAIN SIGANL PATH IN PLAYBACK MODE
Hi-Fi AUDIO MAIN SIGNAL PATH IN REC MODE
Hi-Fi AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE
TO LUMINANCE & CHROMINANCE SECTION
P3002 (Page: 3-32/C-12)
TO CYLINDER DRIVE
P2901 (Page: 3-63/A-9)
P501
P502
IC501
STV5728
NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING. WHEN YOU ORDER A PART, PLEASE REFER TO PARTS LIST.
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL. (SP MODE)
THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL. (SP MODE)

3-22. CYLINDER DRIVE SCHEMATIC DIAGRAM



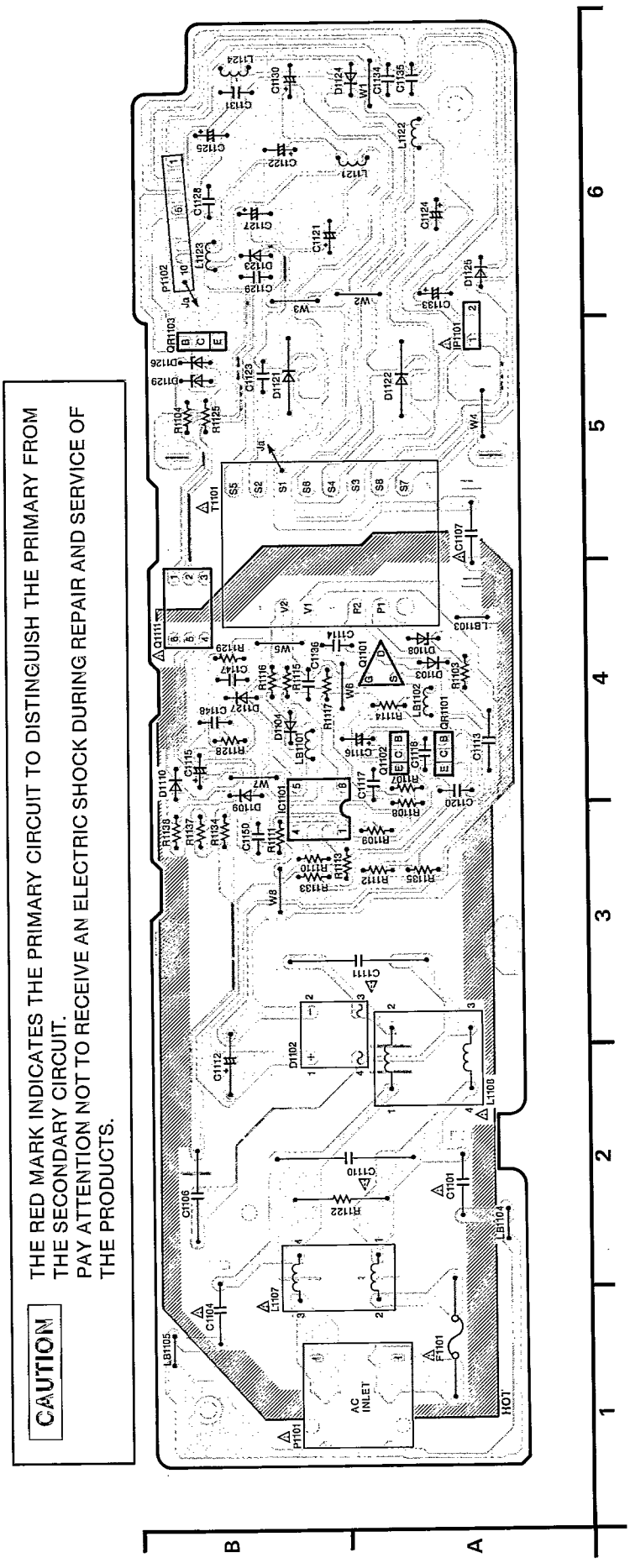
CYLINDER DRIVE ICs DC VOLTAGE CHART (SP MODE)

REF. NO. / MODE	IC2901																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
STOP	13.1	13.1	0.1	0.6	0	2.5	2.4	2.6	2.5	2.5	4.9	3.7	3.6	3.7	1.3	13.8	13.3	0.1		
PLAY	13.8	13.8	0.2	0.6	0	2.5	2.4	2.6	2.5	2.7	4.9	3.7	3.7	3.7	1.5	13.5	13.7	0.2		
REC	13.8	13.8	0.2	0.6	0	2.5	2.4	2.6	2.5	2.7	4.9	3.7	3.7	3.7	1.5	13.5	13.7	0.2		
F.F	13.8	13.8	0.2	0.6	0	2.5	2.4	2.6	2.5	2.7	4.9	3.7	3.7	3.7	1.5	13.5	13.7	0.2		
REW	13.8	13.8	0.2	0.6	0	2.5	2.4	2.6	2.5	2.7	4.9	3.7	3.7	3.7	1.5	13.5	13.7	0.2		

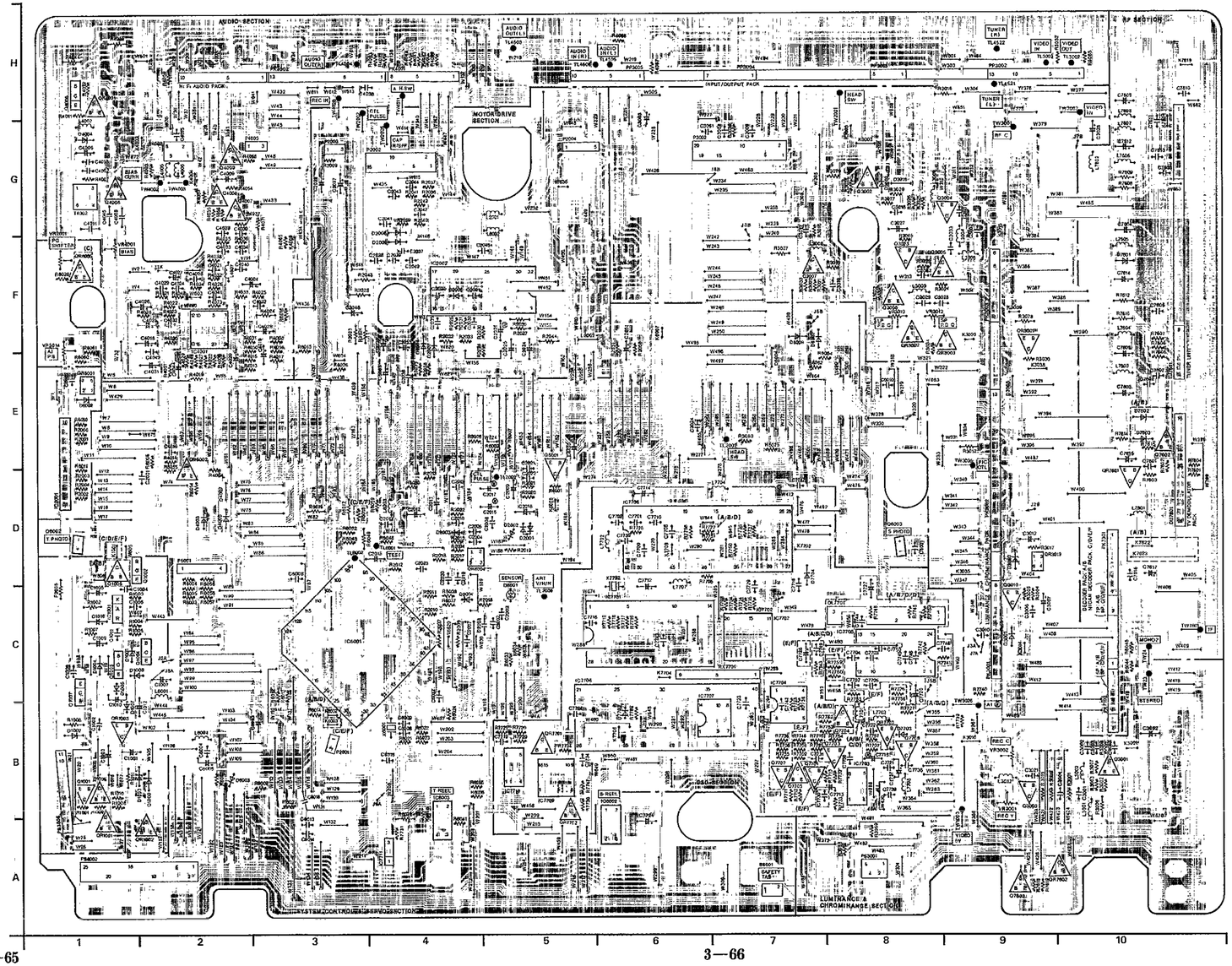
3-23. POWER C.B.A. (VEP01763A: NV-HD610EG/EGH)
(VEP01763B: NV-HD610B/EC, HD605B/BL)

POWER C.B.A.	
Transistor	
Q1101	A-4
Q1102	A-4
Q1111	B-4
Transistor & Resistor	
QR1101	A-4
QR1103	B-5
Integrated Circuit	
IC1101	B-3
Connector	
P1101	B-1
P1102	B-6

ADDRESS INFORMATION


CAUTION
THE RED MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.
AC INLET
1 2 3 4 5 6
B A

3-24. MAIN C.B.A. (VEP06B36A: NV-HD610EG/EGH) (VEP06B36B: NV-HD610B) (VEP06B36C: NV-HD610EC) (VEP06B36E: NV-HD605B) (VEP06B36F: NV-HD605BL)



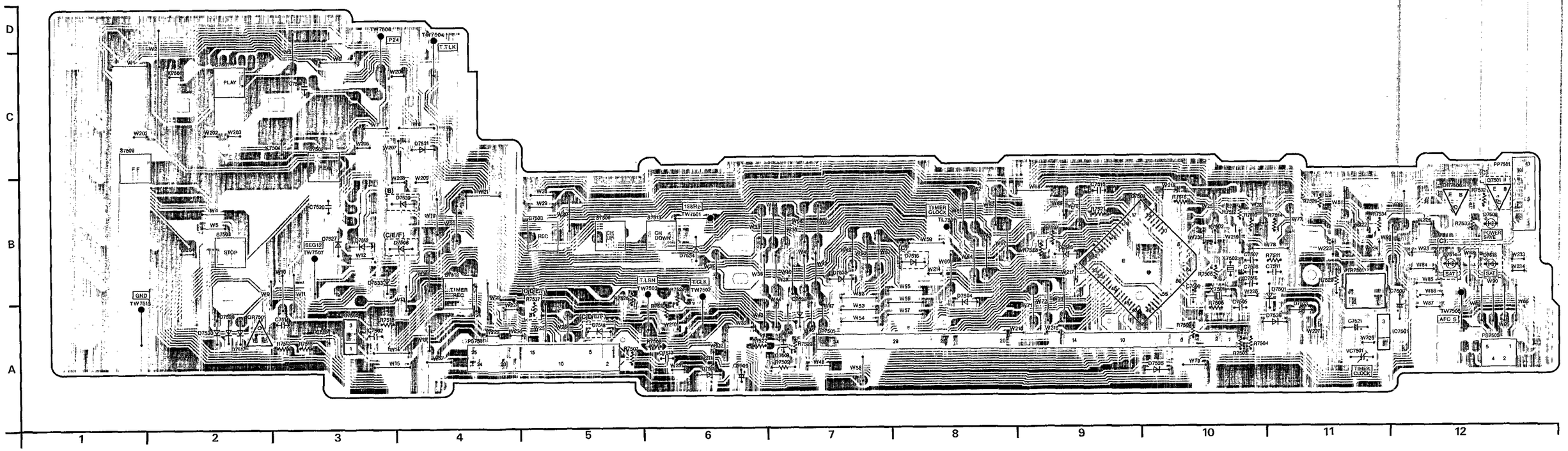
MAIN C.B.A.			
Transistor		IC7709	B-5
Q1001	B-1	IC7710	B-5
Q1002	C-2	IC7711	A-4
Q1003	C-1	**Test Point**	
Q1004	C-1	TL2001	E-7
Q1005	B-1	TL2002	D-5
Q1006	D-1	TL2009	C-5
Q1007	C-1	TL3002	H-10
Q3001	B-10	TL3003	H-9
Q3002	G-8	TL4503	H-5
Q3003	B-9	TL4504	H-3
Q3004	G-9	TL4505	H-6
Q3005	F-8	TL4506	H-5
Q3006	F-8	TL4521	H-9
Q3007	F-7	TL4522	H-9
Q3010	C-9	TL6001	D-4
Q3023	F-8	TL6002	D-3
Q4005	H-1	TW23	C-10
Q4006	G-1	TW24	C-10
Q4007	G-2	TW1003	A-9
Q4008	G-2	TW2001	G-8
Q4009	G-2	TW2002	G-3
Q6001	E-5	TW2026	G-4
Q6002	D-1	TW3001	G-9
Q6003	D-8	TW3003	H-10
Q7602	E-10	TW3026	B-9
Q7603	A-9	TW3035	E-9
Q7701	B-7	TW4002	G-2
Q7702	B-7	TW4003	G-2
Q7703	B-8	TW4026	H-3
Q7704	B-8	TW4511	H-4
Q7705	B-7	TW7601	C-10
Q7706	B-8	**Adjustment**	
Transistor & Resistor		VR2001	F-1
QR1001	A-1	VR3001	B-9
QR1002	A-2	VR3002	B-9
QR1003	B-1	VR3012	F-8
QR3001	F-9	VR3013	F-8
QR3002	F-8	VR3014	F-1
QR3003	E-9	VR4001	F-1
QR3019	D-9	**Connector**	
QR4001	H-1	P2001	B-3
QR6001	E-1	P2002	G-4
QR6002	E-2	P2003	G-3
QR6004	D-4	P2004	G-5
QR6005	F-1	P3002	G-6
QR7601	D-10	P4002	G-2
QR7602	A-9	P4003	G-2
QR7701	B-5	P6001	D-2
QR7702	A-5	PK3001	C-9
QR7703	B-8	PK3002	D-9
Integrated Circuit		PK3003	F-9
IC1001	C-1	PK4001	H-4
IC2001	D-1	PK4002	H-3
IC2002	F-4	PK4003	H-2
IC4001	F-2	PK7301	D-10
IC6001	C-3	PK7302	B-10
IC6002	B-6	PP3002	H-9
IC6003	B-4	PP3003	H-8
IC7701	C-6	PP3004	H-7
IC7702	C-7	PP3005	H-6
IC7703	B-8	PS3001	A-8
IC7704	C-7	PS3006	A-1
IC7705	C-8	PS6002	A-1
IC7706	C-5		
IC7707	C-6		
IC7708	D-6		

ADDRESS INFORMATION

3-25. TIMER C.B.A. (VEP07934A: NV-HD610EG) (VEP07934M: NV-HD610EGH) (VEP07934B: NV-HD610B) (VEP07934C: NV-HD610EC) (VEP07934L: NV-HD605B/BL)

TIMER C.B.A.			
Translator		TW7503	A-5
Q7501	B-12	TW7504	C-4
Translator & Resistor		TW7505	A-12
QR7501	A-2	TW7507	B-3
QR7506	B-12	TW7508	C-3
Integrated Circuit		TW7513	A-1
IC7501	A-12	**Adjustment**	
IC7502	A-3	VC7501	A-11
IC7503	B-9	**Connector**	
Test Point		PP7501	C-12
TL7501	B-8	PS7501	A-4
TW7501	B-6	PS7502	A-12
TW7502	A-6		

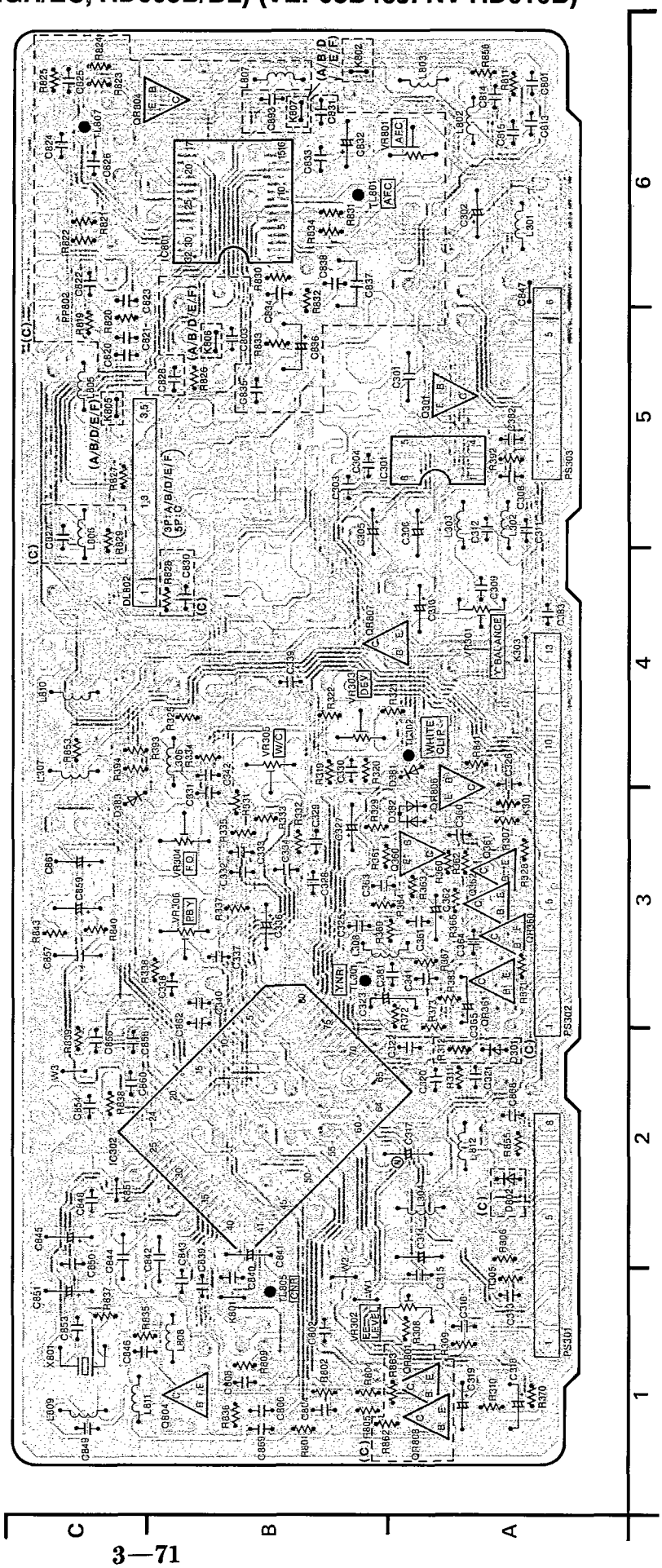
ADDRESS INFORMATION



3-26. LUMINANCE & CHROMINANCE PACK C.B.A.
(VEP03B46H: NV-HD610EG/EGH/EC, HD605B/BL) (VEP03B46J: NV-HD610B)

LUMINANCE & CHROMINANCE PACK C.B.A.			
Transistor	**Test Point**		
Q301	A-5	TL301	B-3
Q360	A-3	TL302	A-4
Q361	A-3	TL801	B-6
Q362	A-3	TL805	B-1
Q804	B-1	TL807	C-6
Transistor & Resistor	**Adjustment**		
QR360	A-3	VR301	A-4
QR361	A-3	VR302	A-1
QR801	A-1	VR303	B-4
QR804	B-6	VR304	B-3
QR806	A-3	VR305	B-4
QR807	B-4	VR306	B-3
QR808	A-1	VR801	A-6
Integrated Circuit	**Connector**		
IC301	A-5	PS301	A-1
IC302	C-2	PS302	A-3
IC801	B-6	PS303	A-5

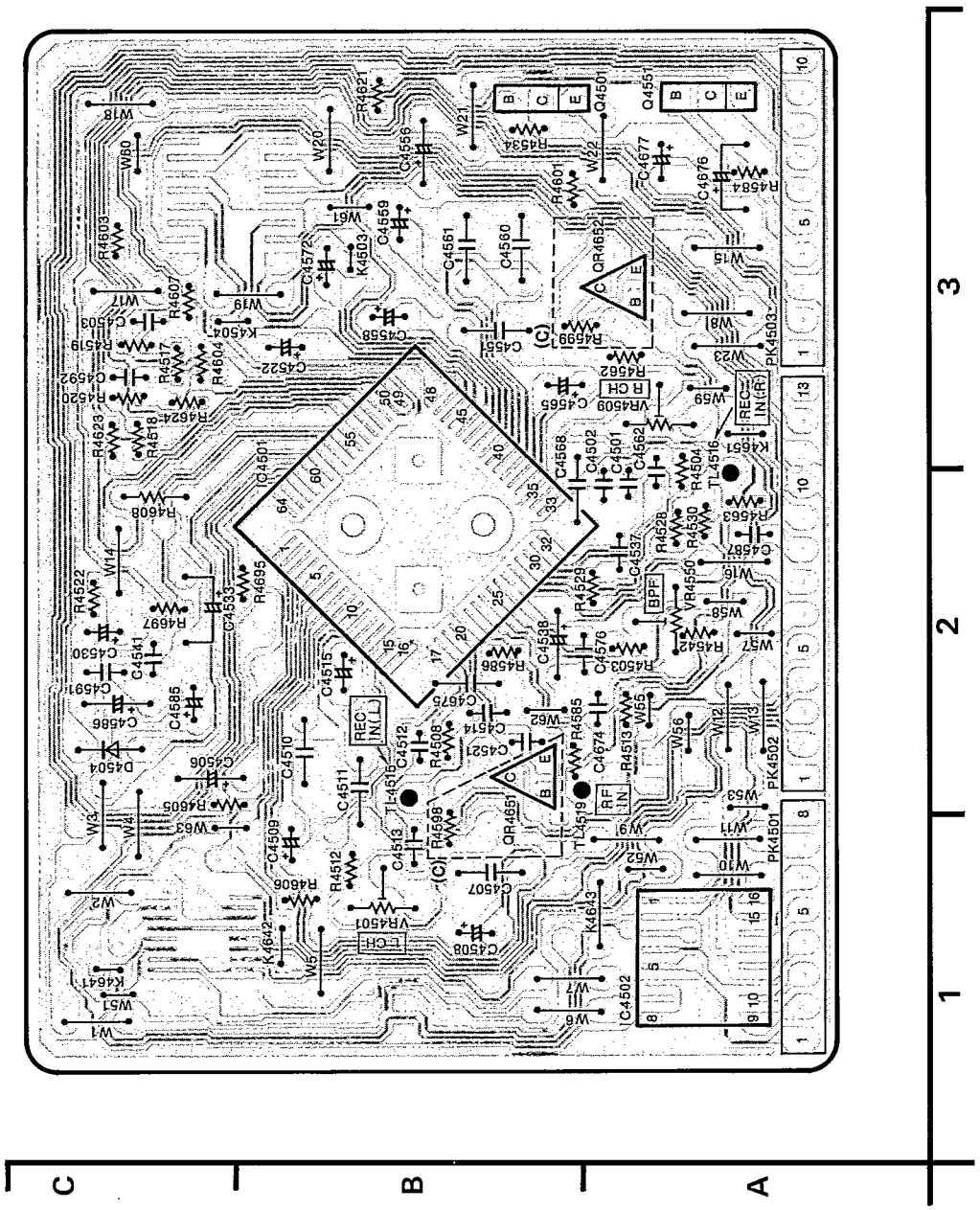
ADDRESS INFORMATION



3-27. Hi-Fi AUDIO PACK C.B.A. (VEP04644A: NV-HD610EG/EGH/EC, HD605B/BL) (VEP04644B: NV-HD610B)

HI-FI AUDIO PACK C.B.A.	
Transistor	
Q4501	B-3
Q4551	A-3
Transistor & Resistor	
QR4561	B-2
QR4652	A-3
Integrated Circuit	
IC4501	B-2
IC4502	A-1
Test Point	
TL4515	B-2
TL4516	A-2
TL4519	B-2
Adjustment	
VR4501	B-1
VR4509	A-3
VR4550	A-2
Connector	
PK4501	A-1
PK4502	A-2
PK4503	A-3

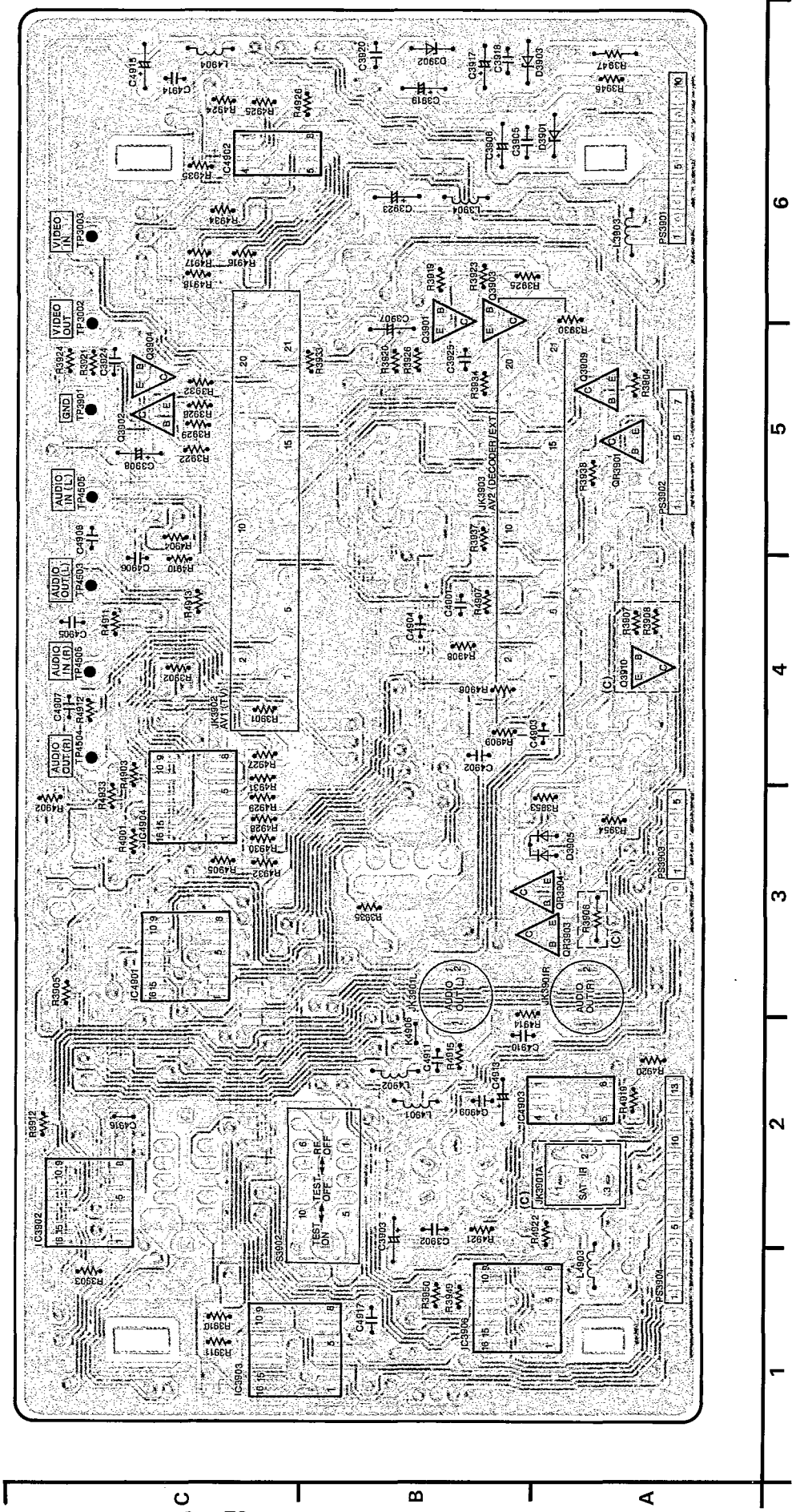
ADDRESS INFORMATION



3-28. INPUT/OUTPUT PACK C.B.A. (VEP03D34A: NV-HD610EG/EGH/EC) (VEP03D34B: NV-HD610B) (VEP03D34K: NV-HD605B/BL)

INPUT/OUTPUT PACK C.B.A.					
Transistor		**Integrated Circuit**		TP4505	C-5
Q3901	B-5	IC3902	C-2	TP4506	C-4
Q3902	C-5	IC3903	C-1	**Connector**	
Q3903	B-6	IC3906	B-1	PS3901	A-6
Q3904	C-5	IC4901	C-3	PS3902	A-5
Q3909	A-5	IC4902	C-6	PS3903	A-3
Q3910	A-4	IC4903	A-2	PS3904	A-1
		IC4904	C-3		
Transistor & Resistor		**Test Point**			
QR3901	A-5	TP3002	C-5		
QR3903	A-3	TP3003	C-6		
QR3904	A-3	TP3901	C-5		
		TP4503	C-4		
		TP4504	C-4		

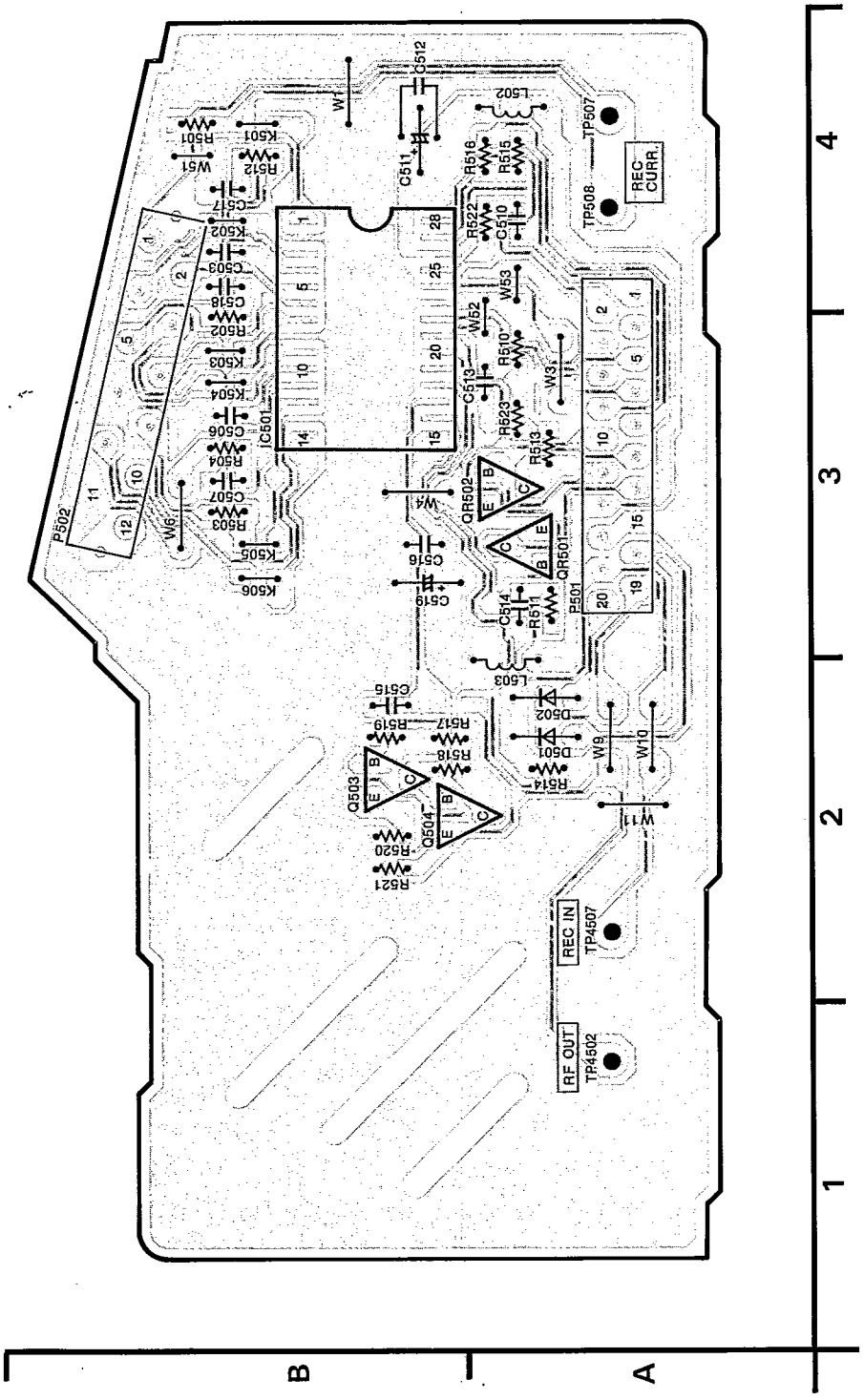
ADDRESS INFORMATION



3-29. HEAD AMP C.B.A. (VEP05329A)

HEAD AMP C.B.A.	
Transistor	
Q503	B-2
Q504	B-2
Transistor & Resistor	
QR501	A-3
QR502	A-3
Integrated Circuit	
IC501	B-3
Test Point	
TP507	A-4
TP508	A-4
TP4502	A-1
TP4507	A-2
Connector	
P501	A-3
P502	B-3

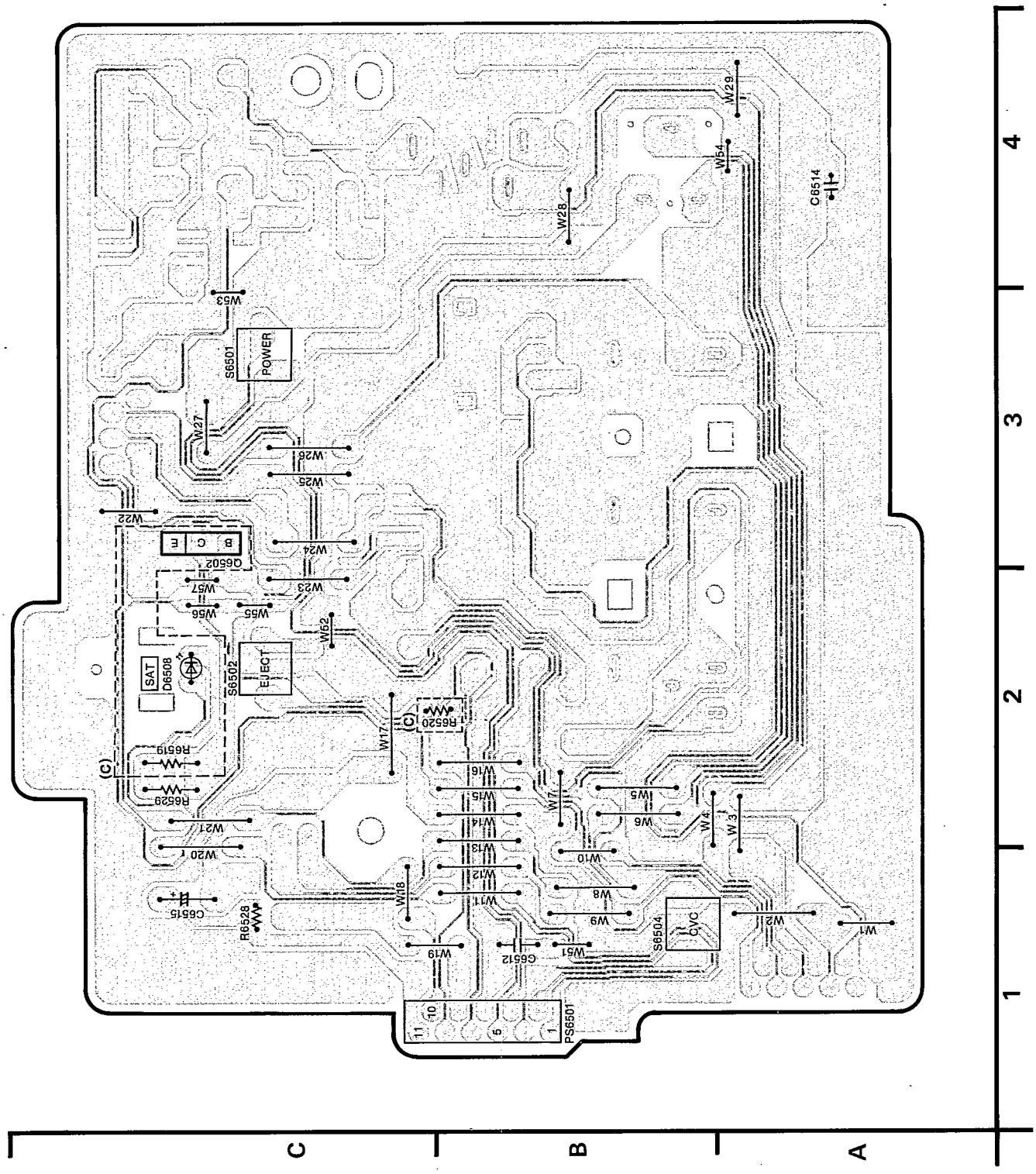
ADDRESS INFORMATION



3-30. OPERATION C.B.A. (VEP06B82B: NV-HD610EG/EGH/EC, HD605B/BL) (VEP06B82A: NV-HD610B)

OPERATION C.B.A.	
Transistor	
Q6502	C-3
Connector	
PS6501	B-1

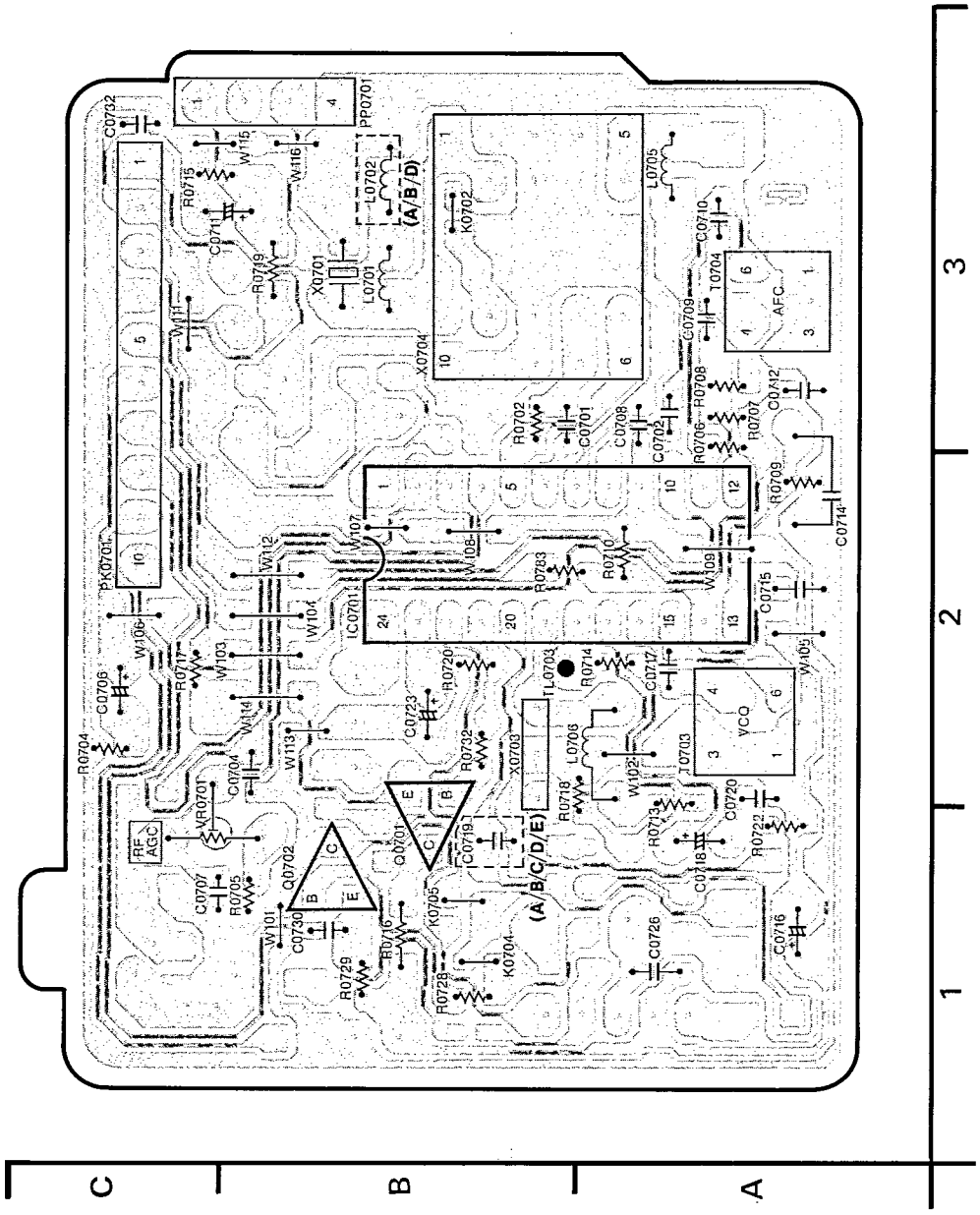
ADDRESS INFORMATION



3-31. TV DEMODULATOR PACK C.B.A. (VEP07801B: NV-HD610EG/EGH) (VEP07801AB: NV-HD610EC) (VEP07801Y: NV-HD610B, HD605B) (VEP07801X: NV-HD605BL)

TV DEMODULATOR PACK C.B.A.	
Transistor	
Q0701	B-1
Q0702	B-1
Integrated Circuit	
IC0701	B-2
Test Point	
TL0703	B-2
Adjustment	
T0703	A-2
T0704	A-3
VR0701	C-1
Connector	
PK0701	C-2
PP0701	C-3

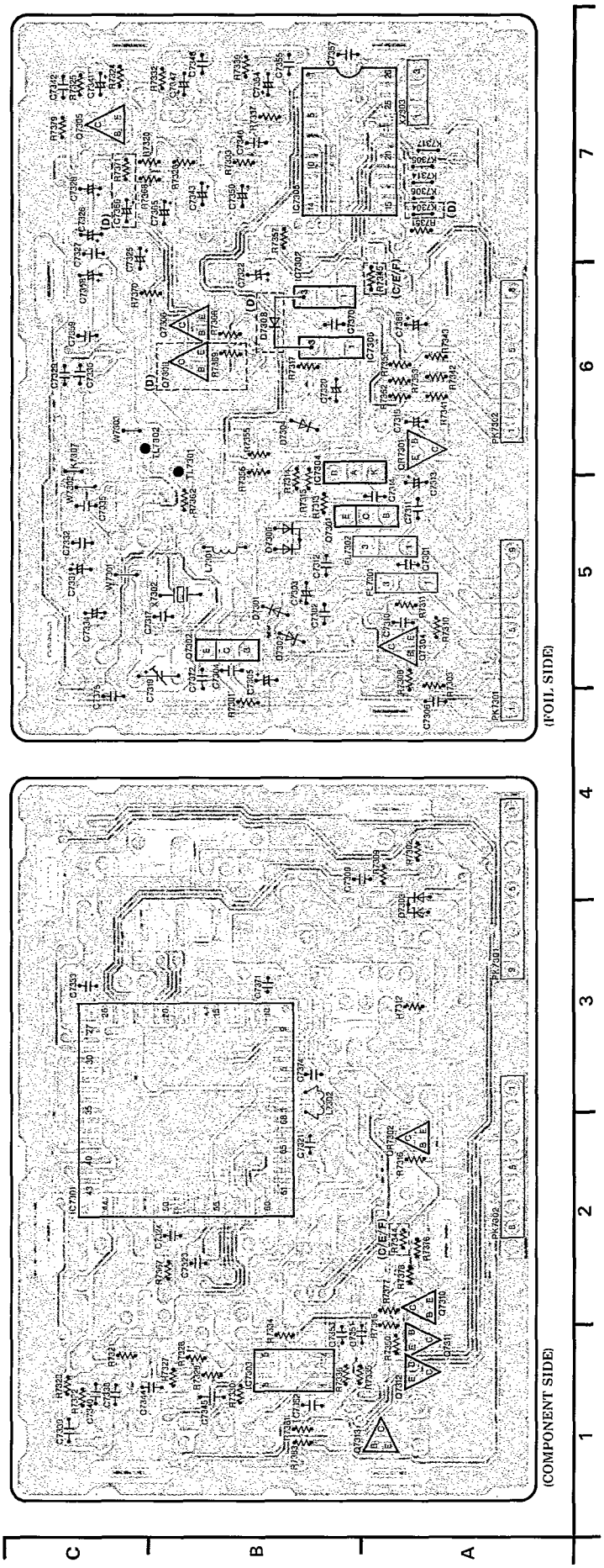
ADDRESS INFORMATION



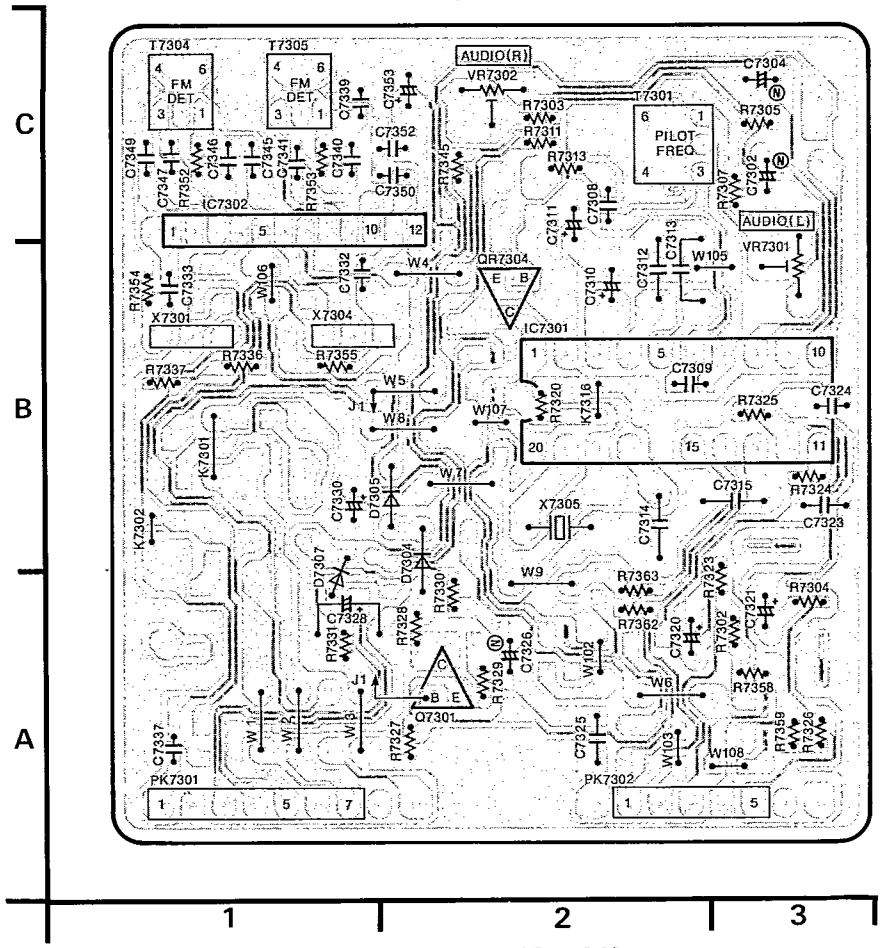
3-32. NICAM DECODER PACK C.B.A. (VEP07787K: NV-HD610B, HD605B/BL) (VEP07787J: NV-HD610EC)

NICAM DECODER PACK C.B.A.			
Transistor		IC7303	B-1
Q7301	B-5	IC7304	B-6
Q7302	B-5	IC7305	B-7
Q7304	A-5	IC7306	B-6
Q7305	C-7	**Test Point**	
Q7308	B-6	TL7301	B-6
Q7309	B-6	TL7302	C-6
Q7310	A-2	**Adjustment**	
Q7311	A-1	C7319	B-5
Q7312	A-1	**Connector**	
Q7313	A-1	PK7301	A-3
Transistor & Resistor		PK7301	A-5
QR7301	A-6	PK7302	A-2
QR7302	A-2	PK7302	A-6
Integrated Circuit			
IC7301	C-2		
IC7302	B-6		

ADDRESS INFORMATION



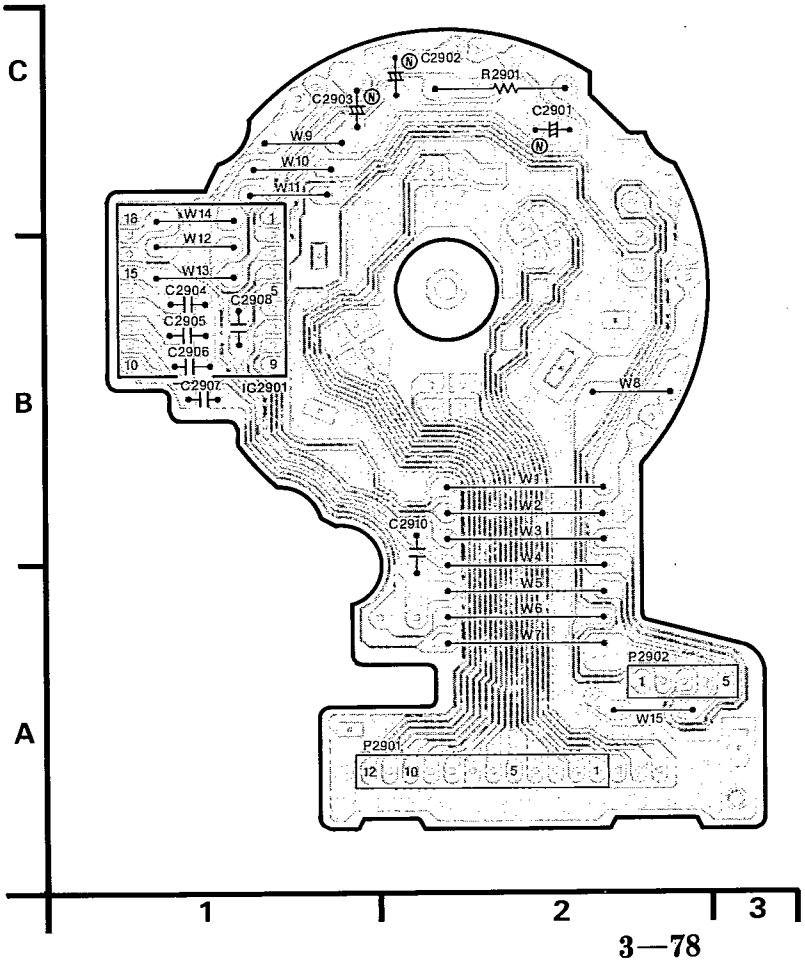
3-33. DECODER PACK C.B.A. (VEP07784D: NV-HD610EG/EGH)



DECODER PACK C.B.A.	
Transistor	
Q7301	A-2
Transistor & Resistor	
QR7304	B-2
Integrated Circuit	
IC7301	B-3
IC7302	C-1
Adjustment	
T7301	C-2
T7304	C-1
T7305	C-1
VR7301	B-3
VR7302	C-2
Connector	
PK7301	A-1
PK7302	A-2

ADDRESS INFORMATION

3-34. CYLINDER DRIVE C.B.A. (VEX0129)



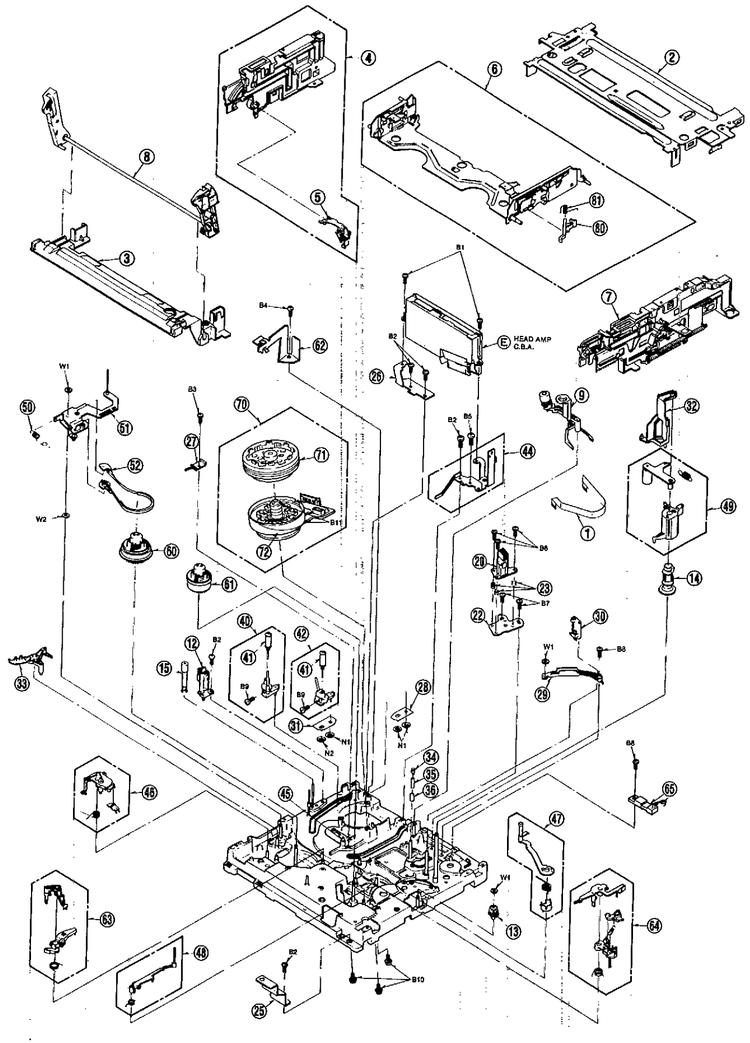
CYLINDER DRIVE C.B.A.	
Integrated Circuit	
IC2901	B-1
Connector	
P2901	A-2
P2902	A-2

ADDRESS INFORMATION

SECTION 4
EXPLODED VIEWS & PARTS LIST

4-1. EXPLODED VIEW & MECHANICAL REPLACEMENT PARTS LIST

❶ CHASSIS PARTS SECTION (1)



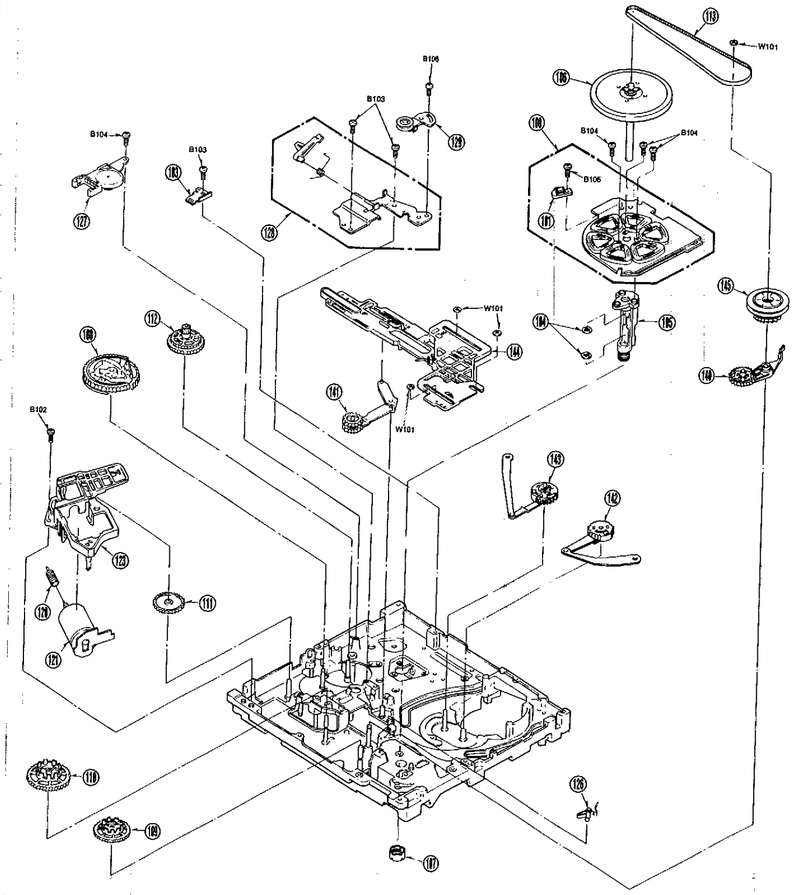
Note: 1. * Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE
Components identified with the mark △ have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1 (1)	VWJ0743	FLEXIBLE CABLE (6P)	1	P4002-A/C HEAD
2 (1)	VMA8644	TOP PLATE	1	
3 (1)	VMA8787	CASSETTE GUIDE	1	
4 (1)	VXA4650	SIDE PLATE (L) UNIT	1	
5 (1)	VML2902	OPENER LEVER	1	
6 (1)	VXA4661	CASSETTE HOLDER PLATE UNIT	1	
7 (1)	VXA4806	SIDE PLATE (R) UNIT	1	
8 (1)	VXP1339	MAIN SHAFT UNIT	1	
9 (1)	VXL2440	CLEANER ARM UNIT	1	
12 (1)	VBS0052	FE HEAD	1	
13 (1)	VDG0871	CARRIAGE CONNECTION GEAR	1	
14 (1)	VDG0886	PINCH CAM GEAR	1	
15 (1)	VXP1402	IMPEDANCE ROLLER UNIT	1	
20 (1)	VED0217	A/C HEAD (1) UNIT	1	
22 (1)	VMA8624	A/C HEAD BASE	1	
23 (1)	VMB2515	A/C HEAD SPRING	3	
25 (1)	VMA8761	MOUNT ANGLE	1	
26 (1)	VMA9158	HEAD AMP MOUNT ANGLE (L)	1	
27 (1)	VMC0917	EARTH SPRING	1	
28 (1)	VMA8874	INCLIND BASE HOLDER (S)	1	
29 (1)	VMD2078	P5 STOPPER BASE	1	
30 (1)	VXA4927	P5 POST STOPPER	1	
31 (1)	VMA8873	INCLIND BASE HOLDER (T)	1	
32 (1)	VMD2101	OPENER PIECE	1	
33 (1)	VML2776	TENSION SPRING ARM	1	
34 (1)	VMX1544	P4 UPPER LIMITER	1	
35 (1)	VMX2175	P4 SLEEVE	1	
36 (1)	VMX2176	P4 LOWER LIMITER	1	
40 (1)	VXAS245KIT	INCLINED BASE (S) UNIT	1	OR VXA4982KIT
41 (1)	VXP1415	ROLLER POST	2	
42 (1)	VXA5247KIT	INCLINED BASE (T) UNIT	1	OR VXA4984KIT
44 (1)	VXA4974	HEAD AMP MOUNT ANGLE (R) U	1	
45 (1)	VMS5383	CASSETTE POSITION FIXTURE	1	
46 (1)	VXL2310	REVIEW ARM UNIT	1	
47 (1)	VXL2306	P5 ARM UNIT	1	
48 (1)	VXL2394	TAKE UP TENSION REGULATOR ARM UNIT	1	
49 (1)	VXL2246	PINCH ARM UNIT	1	
50 (1)	VMB2434	TENSION SPRING	1	
51 (1)	VXL2309	TENSION ARM (1) UNIT	1	
52 (1)	VXZ0310	TENSION BAND UNIT	1	
60 (1)	VXR0236	SUPPLY REEL TABLE UNIT	1	
61 (1)	VXR0237	TAKE UP REEL TABLE UNIT	1	
62 (1)	VXS0241	EARTH PLATE	1	
63 (1)	VXZ0312	SUPPLY BRAKE ARM UNIT	1	
64 (1)	VXZ0313	TAKE UP BRAKE ARM UNIT	1	
65 (1)	2SB1370YD01E	POWER TRANSISTOR	1	
70 (1)	VEG1177	CYLINDER UNIT	1	[SUPPLIED FROM MBV]
71 (1)	VXP1742	UPPER CYLINDER UNIT	1	[SUPPLIED FROM MBV]
72 (1)	VSC4474	CYLINDER SHIELD PLATE	1	[SUPPLIED FROM MBV]
B1 (1)	VMB2013	RELEASE SPRING	1	
B1 (1)	VHD0773	SCREW	2	
B2 (1)	XTV26+6F	SCREW	5	
B3 (1)	XTV26+4F	SCREW	1	
B4 (1)	XTN3+8FFZ	SCREW	1	
B5 (1)	XTV26+10F	SCREW	1	
B6 (1)	VHD0762	SCREW	3	
B7 (1)	XTV26+6FZ	SCREW	2	
B8 (1)	XTV26+8F	SCREW	2	
B9 (1)	XBN2+AJ4	SCREW	2	
B10 (1)	VHD0342	SCREW	3	
B11 (1)	XYNV0029	SCREW	2	
N2 (1)	VHN0193	NUT	1	
W1 (1)	VMX2208	WASHER	3	
W2 (1)	XMGV26D5G	WASHER	1	

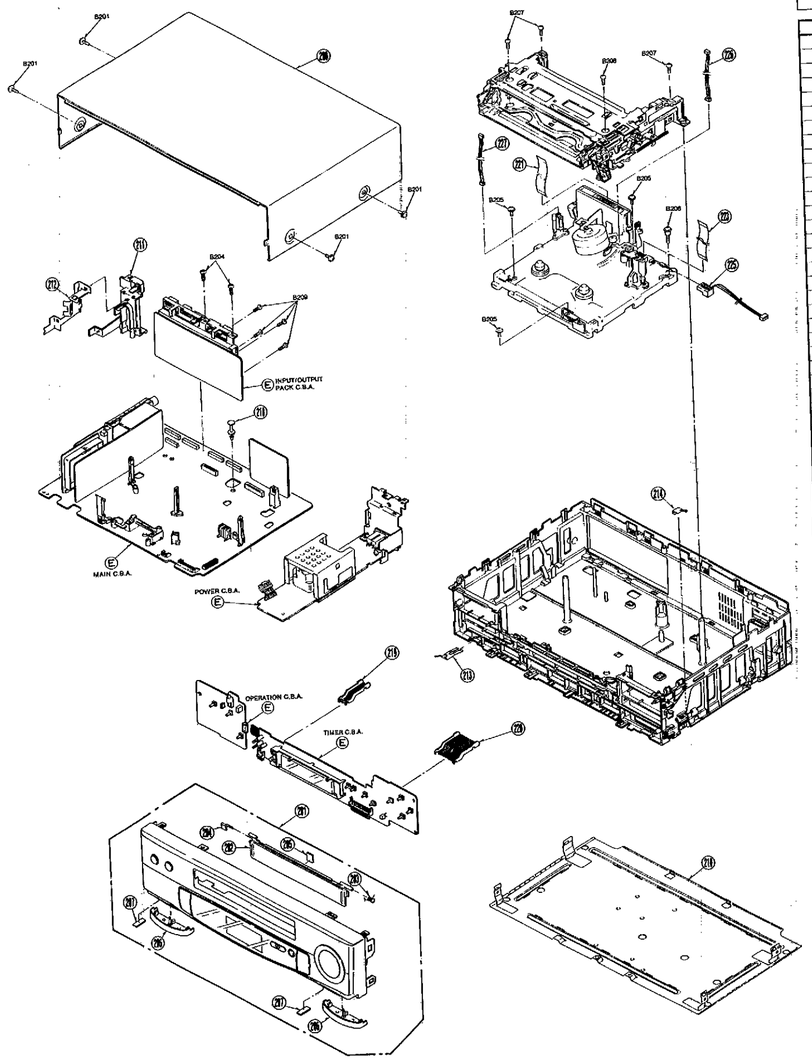
Note: 1. * Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE
Components identified with the mark △ have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
100 (2)	VEK5927	CAPSTAN STATOR UNIT	1	
101 (2)	VBX0061	FG HEAD	1	
103 (2)	VMA8930	ROTOR STOPPER	1	
104 (2)	VMX1927	OIL SEAL	2	
105 (2)	VXD0140	HOUSING UNIT	1	
106 (2)	VXP1519	CAPSTAN ROTOR UNIT	1	
107 (2)	VXQ0297	THRUST SCREW UNIT	1	
108 (2)	VDG0913	MAIN CAM GEAR	1	
109 (2)	VDG0956	SUPPLY REEL GEAR	1	
110 (2)	VDG0957	TAKE UP REEL GEAR	1	
111 (2)	VDG0868	WORM WHEEL GEAR	1	
112 (2)	VDG0885	SUB CAM GEAR	1	
113 (2)	VDV0235	TIMING BELT	1	
120 (2)	VDG0866	WORM GEAR	1	
121 (2)	VEM0427	LOADING MOTOR (1) UNIT	1	
123 (2)	VMD1942	MOTOR BRACKET	1	
126 (2)	VML2725	IDLER CONTROL LEVER	1	
127 (2)	VSS0365	MODE SW	1	
128 (2)	VXA5138	SS BRAKE BASE UNIT	1	
129 (2)	VXA4769	TENSION ROLLER UNIT	1	
140 (2)	VXL2378	IDLER ARM UNIT	1	
141 (2)	VXL2372	DIRECT LEVER UNIT	1	
142 (2)	VXL2299	SUPPLY LOADING ARM UNIT	1	
143 (2)	VXL2300	TAKE UP LOADING ARM UNIT	1	
144 (2)	VXL2307	MAIN LEVER UNIT	1	
145 (2)	VXP1409	CENTRE CLUTCH	1	
B102 (2)	XTV26+8F	SCREW	1	
B103 (2)	XTV26+6F	SCREW	3	
B104 (2)	VHD0753	SCREW	4	
B105 (2)	VHD0754	SCREW	1	
B106 (2)	XSB26+4FZ	SCREW	1	
W101 (2)	VMX2208	WASHER	4	

❷ CHASSIS PARTS SECTION (2)



❸ CASING PARTS SECTION



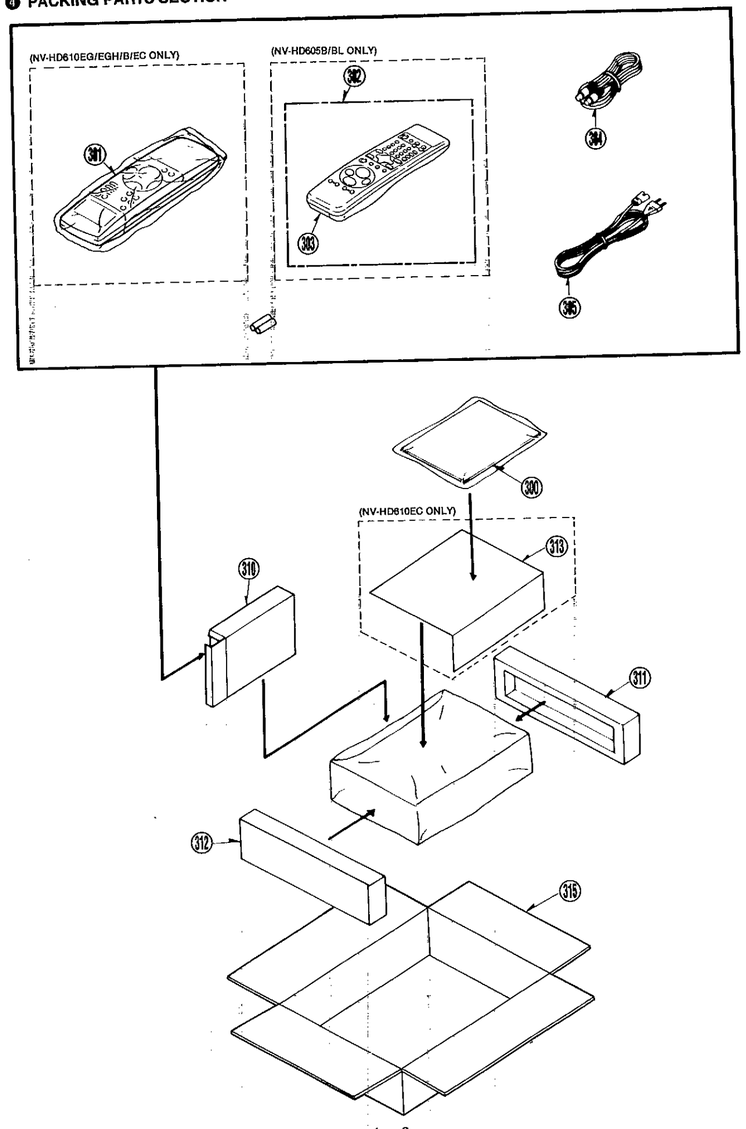
Note: 1. * Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE
Components identified with the mark △ have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
200 (3)	VGM1105	TOP PANEL	1	
201 (3)	VYP6189	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV]
				NV-HD610EG/EG H
201 (3)	VYP6221	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV]
				NV-HD610B
201 (3)	VYP6220	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV]
				NV-HD610EC
201 (3)	VYP6191	FRONT PANEL UNIT	1	[SUPPLIED FROM MBV]
				NV-HD605B/BL
202 (3)	VKF2582	BLINDER PANEL	1	[SUPPLIED FROM MBV]
203 (3)	VMB2521	BLINDER SPRING	1	
204 (3)	VDK0148	BLINDER CAM	1	
205 (3)	VMI0502	BLINDER CUSHION	1	NV-HD610EG/EG H/B/EC
206 (3)	VKA0191	LEG	2	
207 (3)	VKA0122	FOOT	2	
210 (3)	VKU0412	BOTTOM PLATE	1	
211 (3)	VJH0832	ANTENNA JACK PLATE	1	
212 (3)	VMG1213	ANTENNA EARTH SPRING	1	
213 (3)	VMG1062	JACK EARTH SPRING	1	
214 (3)	VMG1065	EARTH SPRING	1	
218 (3)	VMA2233	C.B.A. SPACER	1	
219 (3)	VJP3573A005G	BRIDGE CONNECTOR (5P)	1	PS3001-PS7502
220 (3)	VJP3573A025G	BRIDGE CONNECTOR (25P)	1	PS6002-PS7501
221 (3)	VMJ1101	FLAT CARD CABLE (20P)	1	[SUPPLIED FROM MBV]
				P501-P3002
223 (3)	VMJ1102	FLAT CARD CABLE (15P)	1	[SUPPLIED FROM MBV]
				P2002-CAPSTAN
225 (3)	VEE9223	WIRE CABLE	1	P2502-POWER TR.
226 (3)	VEE9775	WIRE CABLE	1	[SUPPLIED FROM MBV]
				P2004-CYLINDER
227 (3)	VEE9776	WIRE CABLE	1	[SUPPLIED FROM MBV]
				P4003-FE HEAD
B201 (3)	XTW3+10TFZ	SCREW	4	
B204 (3)	VHD0773	SCREW	2	
B205 (3)	VHD0168	SCREW	3	
B206 (3)	VHD0874	SCREW	1	
B207 (3)	XTV26+8FR	SCREW	3	
B208 (3)	XTV26+10F	SCREW	1	
B209 (3)	XTV3+8BFZ	SCREW	4	

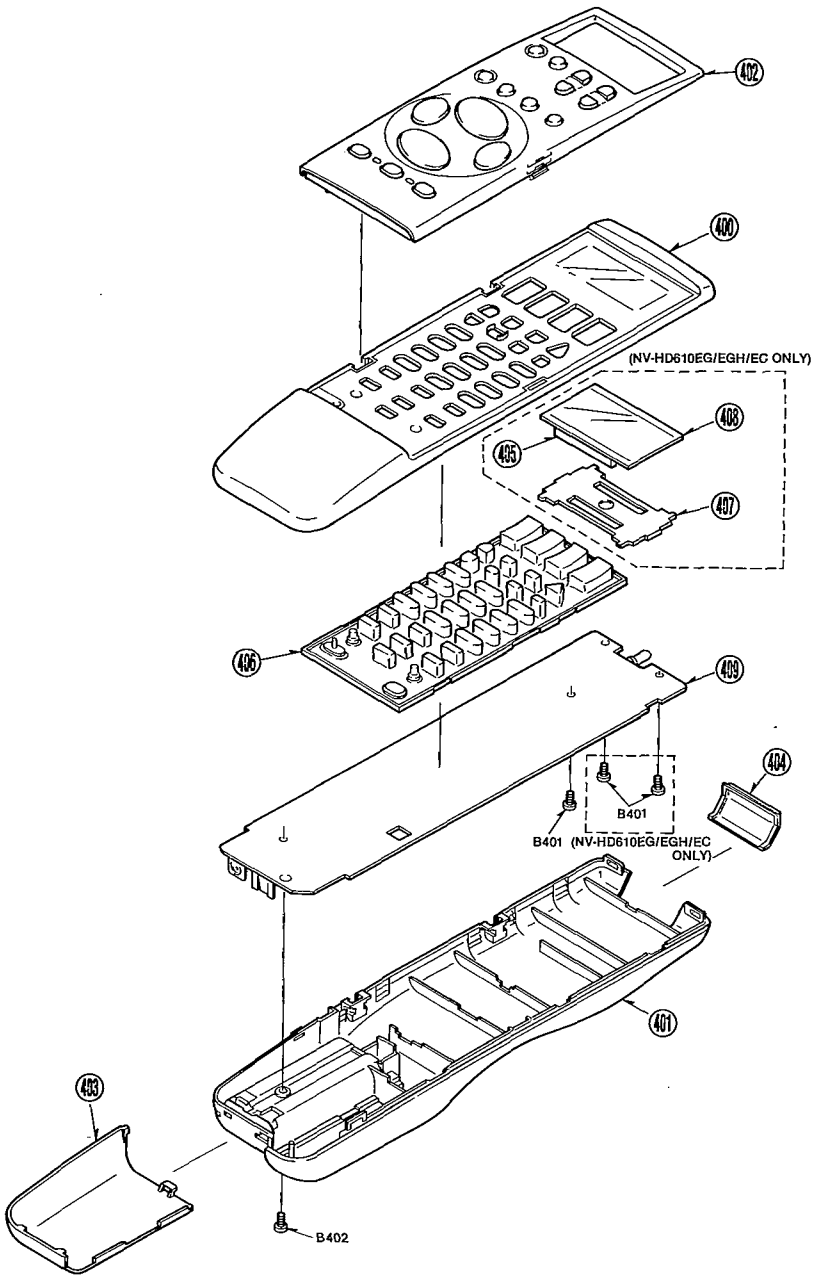
Note: 1. * Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE
Components identified with the mark △ have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
△ 300 (4)	VQT6562	OPERATING INSTRUCTIONS (ENGLISH/GERMAN/ITALIAN)	1	[SUPPLIED FROM MBV]
				NV-HD610EG
△ 300 (4)	VQT6563	OPERATING INSTRUCTIONS (FRENCH/DUTCH)	1	[SUPPLIED FROM MBV]
				NV-HD610EG/EB H/EC
△ 300 (4)	VQT6570	OPERATING INSTRUCTIONS (ENGLISH)	1	[SUPPLIED FROM MBV]
				NV-HD610B
△ 300 (4)	VQT6564	OPERATING INSTRUCTIONS (SWEDISH/DANISH/FINNISH)	1	[SUPPLIED FROM MBV]
				NV-HD610EC
△ 300 (4)	VQT6565	OPERATING INSTRUCTIONS (SPANISH/PORTUGUESE)	1	[SUPPLIED FROM MBV]
				NV-HD610EC
△ 300 (4)	VQT6601	OPERATING INSTRUCTIONS (ENGLISH)	1	[SUPPLIED FROM MBV]
				NV-HD605B/BL
301 (4)	VEQ1873	REMOTE CONTROLLER	1	[SUPPLIED FROM MBV]
				NV-HD610EG/EB H/EC
301 (4)	VEQ1875	REMOTE CONTROLLER	1	[SUPPLIED FROM MBV]
				NV-HD610B
302 (4)	EUR571355	REMOTE CONTROLLER	1	[SUPPLIED FROM MBV]
				NV-HD605B/BL
303 (4)	UN57EG537	BATTERY COVER	1	[SUPPLIED FROM MBV]
				NV-HD605B/BL
304 (4)	VJA0963	DIN RF CABLE	1	
△ 305 (4)	VJA0664	AC CORD	1	NV-HD610EG/EB H/EC
△ 305 (4)	VJA0733	AC CORD	1	NV-HD610B, HD605B/BL
310 (4)	VPK0825	ACCESSORIES PAKING	1	
311 (4)	VPM4449	CUSHION (R)	1	[SUPPLIED FROM MBV]
312 (4)	VPM4450	CUSHION (L)	1	[SUPPLIED FROM MBV]
315 (4)	VPG8526	PACKING	1	[SUPPLIED FROM MBV]
				NV-HD610EG/EG H/B/EC
315 (4)	VPG8529	PACKING	1	[SUPPLIED FROM MBV]
				NV-HD605B/BL

❹ PACKING PARTS SECTION



❺ REMOTE CONTROLLER UNIT



Note: 1. * Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE
Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components, use only the same type.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
400 (5)	VYK7096	TOP COVER UNIT	1	[SUPPLIED FROM MBV]
				NV-HD610EG/EG H/EC
400 (5)	VYK7089	TOP COVER UNIT	1	[SUPPLIED FROM MBV]
				NV-HD610B
401 (5)	VYK5446	BOTTOM COVER UNIT	1	NV-HD610EG/EG H/B/EC
402 (5)	VYK7104	DOOR PANEL UNIT	1	[SUPPLIED FROM MBV]
				NV-HD610EG/EG H/EC
402 (5)	VYK7092	DOOR PANEL UNIT	1	[SUPPLIED FROM MBV]
				NV-HD610B
403 (5)	VKF2115	BATTERY COVER	1	NV-HD610EG/EG H/B/EC
404 (5)	VKW1802	IR WINDOW	1	NV-HD610EG/EG H/B/EC
405 (5)	VSQ0830	CONDUCTIVE RUBBER	2	NV-HD610EG/EG H/EC
406 (5)	VSP0861	RUBBER CONTACT	1	NV-HD610EG/EG H/EC
406 (5)	VSP0870	RUBBER CONTACT	1	NV-HD610B
407 (5)	VSQ0829	LCD SPACER	1	NV-HD610EG/EG H/EC
408 (5)	VSL0319A	LCD	1	NV-HD610EG/EG H/EC
				SUPPLIED AS SPARE PART.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
B401 (5)	XTB2+6G	SCREW	3	NV-HD610EG/EG H/EC
B401 (5)	XTB2+6G	SCREW	1	NV-HD610B
B402 (5)	XTB2+8GFZ	SCREW	1	NV-HD610EG/EG H/B/EC
		SERVICE FIXTURES & TOOLS		
	VFJ8125H3F	VHS ALIGNMENT TAPE(PAL)	1	
	VFK0335	RETAINING RING REMOVER	1	
		(3MM/4MM)		
	VFK0329	POST ADJUSTMENT SCREWDRIVE	1	
	VFK0326	HEX WRENCH SET	1	
	VFK0132	BACK TENSION METER	1	
	VFK27	HEAD CLEANING STICK	1	
	VFK1024	MORLYTONE GREASE	1	
	VFK0680	WHITE GREASE	1	
	VFK0851	CENTRE FIXING TOOL	1	
	VFK0330	FINE ADJUSTMENT GEAR DRIVE	1	
	VFK1140	11P EXTENSION CABLE	1	

4-2. ELECTRICAL REPLACEMENT PARTS LIST

Note: 1. Be sure to make your orders of replacement parts according to this list.
2. IMPORTANT SAFETY NOTICE : Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components, use only the same type.
3. Unless otherwise specified,
All resistors are in OHMS, K=1,000 OHMS. All capacitors are in MICROFARADS(uf), P=uuF.
4. The P.C. Board units marked width " ■ " show below the main assembled parts.
5. The marking (RTL) indicaters the retention time is limited for this item.
After the discontinuation of this assembly in production, it will no longer be available.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■	VEP06B36A	MAIN C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG/EG H
				THE FOLLOWING C.B.A.S ARE
				INCLUDED IN MAIN C.B.A.
				VEP03B46H
				VEP04644A
				VEP07784D
				VEP07801B
■	VEP03B46H	LUMINANCE & CHROMINANCE		[SUPPLIED FROM MBV]
		PACK C.B.A.		(RGL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36A).
■	VEP04644A	HI-FI AUDIO PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36A).
■	VEP07784D	DECODER PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36A).
■	VEP07801B	TV DEMODULATOR PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36A).
■	VEP06B36B	MAIN C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610B
				THE FOLLOWING C.B.A.S ARE
				INCLUDED IN MAIN C.B.A.
				VEP03B46J
				VEP04644B
				VEP07787K
				VEP07801Y
■	VEP03B46J	LUMINANCE & CHROMINANCE	1	[SUPPLIED FROM MBV]
		PACK C.B.A.		(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36C).
■	VEP04644B	HI-FI AUDIO PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36C).
■	VEP07787K	NICAM DECODER PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36C).
■	VEP07801Y	TV DEMODULATOR PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36C).
■	VEP06B36C	MAIN C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG
				THE FOLLOWING C.B.A.S ARE
				INCLUDED IN MAIN C.B.A.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
				VEP03B46H
				VEP04644A
				VEP07787J
				VEP07801AB
■	VEP03B46H	LUMINANCE & CHROMINANCE	1	[SUPPLIED FROM MBV]
		PACK C.B.A.		(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36C).
■	VEP04644A	HI-FI AUDIO PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36C).
■	VEP07787J	NICAM DECODER PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36C).
■	VEP07801AB	TV DEMODULATOR PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36C).
■	VEP06B36E	MAIN C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD605B
				THE FOLLOWING C.B.A.S ARE
				INCLUDED IN MAIN C.B.A.
				VEP03B46H
				VEP04644A
				VEP07787K
				VEP07801Y
■	VEP03B46H	LUMINANCE & CHROMINANCE	1	[SUPPLIED FROM MBV]
		PACK C.B.A.		(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36E).
■	VEP04644A	HI-FI AUDIO PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36F).
■	VEP07787K	NICAM DECODER PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36F).
■	VEP07801Y	TV DEMODULATOR PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36F).
■	VEP06B36F	MAIN C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD605BL
				THE FOLLOWING C.B.A.S ARE
				INCLUDED IN MAIN C.B.A.
				VEP03B46H
				VEP04644A
				VEP07787K
				VEP07801X
■	VEP03B46H	LUMINANCE & CHROMINANCE	1	[SUPPLIED FROM MBV]
		PACK C.B.A.		(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36F).
■	VEP04644A	HI-FI AUDIO PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36F).

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
■	VEP07787K	NICAM DECODER PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36F).
■	VEP07801X	TV DEMODULATOR PACK C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				INCLUDED IN MAIN C.B.A.
				(VEP06B36F).
■	VEP03D34A	INPUT/OUTPUT C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG/EG H/EC
■	VEP03D34B	INPUT/OUTPUT C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610B
■	VEP03D34K	INPUT/OUTPUT C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD605B/BL
■	VEP05329A	HEAD AMP C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
■	VEP07934A	TIMER C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG
■	VEP07934M	TIMER C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG H
■	VEP07934B	TIMER C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610B
■	VEP07934C	TIMER C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG
■	VEP07934L	TIMER C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD605B/BL
■	VEP06B82B	POWER SWITCH C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG/EG H/EC
				NV-HD605B/BL
■	VEP06B82A	POWER SWITCH C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610B
⚠ ■	VEP01763A	POWER C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG/EG H
⚠ ■	VEP01763B	POWER C.B.A.	1	[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610B/EC
				NV-HD605B/BL
■	VEX0129	CYLINDER DRIVE C.B.A.	1	(RTL)
■	----------	MOTOR C.B.A.	1	THIS C.B.A. IS INCLUDED
				IN LOADING MOTOR (1)
				UNIT (VEM0427).
⚠ TU7601	ENG47232G	TUNER	1	NV-HD610EG/EG H/EC
TU7601	ENG47211GR	TUNER	1	NV-HD610B
				NV-HD605B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
TU7601	ENG47207G	TUNER	1	[SUPPLIED FROM MBV]
				NV-HD605BL
⚠ F1101	XBA2C16TH15	FUSE	1	
■	VEP06B36A	MAIN C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG/EG H
C301	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C302	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C303, 04	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C305, 06	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	2	
C308	ECUX1H680JCV	C. CAPACITOR CH 50V 68P	1	
C309	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C310	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C311	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1	
C312	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C313	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C314	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C315	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C316	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C317	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C318	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C319	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C320	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C321	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C322	ECUM1H333KBN	C. CAPACITOR CH 50V 0.033U	1	
C323	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C325	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C326	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C327	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C328	ECUM1H821JCN	C. CAPACITOR CH 50V 820P	1	
C329	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C330	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C331	ECUX1H560JCV	C. CAPACITOR CH 50V 56P	1	
C332	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C333	ECUX1H151JCV	C. CAPACITOR CH 50V 150P	1	
C334	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C336	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C337	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C338, 39	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C340	ECUX1E223ZFV	C. CAPACITOR CH 25V 0.022U	1	
C341	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C342	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C360	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C361	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	1	
C362	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C363	ECUX1H392KBV	C. CAPACITOR CH 50V 3900P	1	
C364	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C365	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C381	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C382, 83	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0701, 02	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0704	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0707, 08	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0709	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C0710	ECUX1H470JPV	C. CAPACITOR CH 50V 47P	1	
C0711	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0712	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0714	ECQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0715	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0716	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0717	ECUX1H270JPV	C. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKAR47	E. CAPACITOR 50V 0.47U	1	
C0719	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C0720	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0726	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0730	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0732	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C801-04	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C806	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C808	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C813	ECUX1H181JCV	C. CAPACITOR CH 50V 180P	1	
C814	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C815	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C839	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C840	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C841	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C842	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C843	ECUX1E223ZFV	C. CAPACITOR CH 25V 0.022U	1	
C844	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C845	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C846	ECUX1H390JCV	C. CAPACITOR CH 50V 39P	1	
C847	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
C848	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C849	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C850	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C851	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C853	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C854	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C856	ECUX1H222KBV	C. CAPACITOR CH 50V 2200P	1	
C857	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C858	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C859	ECEA1HKAR33	E. CAPACITOR 50V 0.33U	1	
C860	ECUM1H333KBN	C. CAPACITOR CH 50V 0.033U	1	
C861	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C862	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C868, 69	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C893	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C1001	ECA1CM101	E. CAPACITOR 16V 100U	1	
C1002	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1003	ECA1CM470	E. CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C1006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1007	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1008	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1009	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C1010	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1011	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1012	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1013	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C2001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2002, 03	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C2004	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C2005	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2006	ECUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2007	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
C2008	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2009	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2010	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C2011	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2012	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C2013	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C2014	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2015	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C2016, 17	ECEA1EKN3R3	E. CAPACITOR 25V 3.3U	2	
C2018	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2019, 20	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C2021, 22	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	2	
C2023	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C2024, 25	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	2	
C2026	ECEA1HKNR22	E. CAPACITOR 50V 0.22U	1	
C2027	ECA1EM470	E. CAPACITOR 25V 47U	1	
C2028	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C2029	ECA1EM470	E. CAPACITOR 25V 47U	1	
C2030, 31	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	2	
C2032	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2033	ECA0JM221	E. CAPACITOR 6.3V 220U	1	
C2035	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
C2036	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2037	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2038-40	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	3	
C2041, 42	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	2	
C2043, 44	ECUM1C474ZFN	C. CAPACITOR CH 16V 0.47U	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2045	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2046	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C2053	ECEA1HKAR47	E. CAPACITOR 50V 0.47U	1	
C3001	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3002	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C3003	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3007	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C3008	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C3009	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3010	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C3012	ECEA0JKA330	E. CAPACOTOR 6.3V 33U	1	
C3017, 18	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C3019	ECUM1H620JCN	C. CAPACITOR CH 50V 62P	1	
C3021	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3023	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3024	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3027	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C3028	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C3029	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3031	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3032	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3033	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3055	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3057	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C3061	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3062	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C3063	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4004	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4005	ECCD2H181J	C. CAPACITOR 500V 180P	1	
C4006	ECEA1CKA330	E. CAPACITOR 16V 33U	1	
C4007	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	1	
C4009	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4011	ECQP1362JZ	P. CAPACITOR 100V 3600P	1	[SUPPLIED FROM MBV]
C4015	ECUM1H391JCN	C. CAPACITOR CH 50V 390P	1	
C4017	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4018-20	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	3	
C4021	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	1	
C4022	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4023	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C4024	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	1	
C4025, 26	ECEA1CKA220	E. CAPACITOR 16V 22U	2	
C4027	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C4028	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4029	ECUM1H391JCN	C. CAPACITOR CH 50V 390P	1	
C4030	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4031	ECEA1AKA101	E. CAPACITOR 10V 100U	1	
C4032	ECUM1H822KBN	C. CAPACITOR CH 50V 8200P	1	
C4033, 34	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2	
C4038	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4039	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C4040	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4041	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C4042	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4044	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1	
C4501	ECUX1H681JCV	C. CAPACITOR CH 50V 680P	1	
C4502	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4503	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C4506	ECEA1CU100	E. CAPACITOR 16V 10U	1	
C4507	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4508	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4509	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4510	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C4511	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4512	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4513	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C4514	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C4515	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4521	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4522	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4530	ECEA0JU470	E. CAPACITOR 6.3V 47U	1	
C4533	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4537	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4538	ECEA1HUR47	E. CAPACITOR 50V 0.47U	1	
C4541	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4551	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4556	ECEA1CU100	E. CAPACITOR 16V 10U	1	
C4558	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4559	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4560	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C4561	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4562	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4565	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4568	ECFF1H104ZF	P. CAPACITOR 50V 0.1U	1	
C4572	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4576	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4585, 86	ECEA0JU101	E. CAPACITOR 6.3V 100U	2	
C4587	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4591	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4592	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C4674	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4675	ECFF1H104ZF	P. CAPACITOR 50V 0.1U	1	
C4676	ECA1VM470	E. CAPASITOR 35V 47U	1	
C4677	ECEA1CU470	E. CAPACITOR 16V 47U	1	
C6001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6002	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
C6003	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C6004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C6005	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C6006	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6007	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C6008	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C6009	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C6010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6013, 14	ECUM1H271JCN	C. CAPACITOR CH 50V 270P	2	
C6015	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C6016	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6017	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C6018	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C7302	ECEA1HKN2R2	E. CAPACITOR 50V 2.2U	1	
C7304	ECEA1HKN2R2	E. CAPACITOR 50V 2.2U	1	
C7308	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C7309	ECUM1H152KBN	C. CAPACITOR CH 50V 1500P	1	
C7310	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7311	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C7312	ECQB1H103JZ	P. CAPACITOR 50V 0.01U	1	
C7313	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C7314, 15	ECQB1H103JZ	P. CAPACITOR 50V 0.01U	2	
C7320, 21	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C7323, 24	ECUM1H153KBM	C. CAPACITOR CH 50V 0.015U	2	
C7325	ECUM1H223KBM	C. CAPACITOR CH 50V 0.022U	1	
C7326	ECEA1CKN100	E. CAPACITOR 16V 10U	1	
C7328	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7330	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7332, 33	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	2	
C7337	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7339	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7340	ECUM1H390JPN	C. CAPACITOR CH 50V 39P	1	
C7341	ECUX1H070DCV	C. CAPACITOR CH 50V 7P	1	
C7345	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7346	ECUM1H390JPN	C. CAPACITOR CH 50V 39P	1	
C7347	ECUX1H070DCV	C. CAPACITOR CH 50V 7P	1	
C7349, 50	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	2	
C7352	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7353	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7601, 02	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7603	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C7604	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7605	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7606	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C7607	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7608	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C7609	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7610, 11	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7612	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7613	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C7614	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7615	ECEA1HKA010	E. CAPACITOR 50V 1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7616	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C7617	ECEA1AKS221	E. CAPACITOR 10V 220U	1	
C7701	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C7702	ECUM1H080DCN	C. CAPACITOR CH 50V 8P	1	
C7703	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
C7704, 05	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7706	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7707-10	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	4	
C7712	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7713	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7714	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7715	ECEA1CKN100	E. CAPACITOR 16V 10U	1	
C7716	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1	
C7718	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7719	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7720	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7721	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7722	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7723	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7724	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7727	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7729	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7731	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7732	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C7734	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7736	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7737	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7738, 39	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7742	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7743	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C7744	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7745	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
C7746, 47	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7748	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C7749	ECUM1H473ZFN	C. CAPACITOR CH 50V 0.047U	1	
C7750	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
D381	MA141K	DIODE	1	
D382	MA143	DIODE	1	
D383	MA141K	DIODE	1	
D1001	MA4051-L	DIODE	1	
D1002	11ES1	DIODE	1	
D1003	MA4120-M	DIODE	1	
D1004	MA4051-L	DIODE	1	
D1005	1SS355	DIODE	1	
D1007, 08	1SS355	DIODE	2	
D1009	1SS254	DIODE	1	
D2001	MA153	DIODE	1	
D2002	MA151K	DIODE	1	
D2003-05	1SS355	DIODE	3	
D2006, 07	MA700	DIODE	2	
D2008, 09	MA185	DIODE	2	
D3001, 02	1SS254	DIODE	2	
D3007	1SS254	DIODE	1	
D4003-05	1SS254	DIODE	3	
D4504	1SS254	DIODE	1	
D6001	LN59LT. VT	LED	1	
D6002	MA4075-L	DIODE	1	
D6003	MA151K	DIODE	1	
D6007, 08	1SS254	DIODE	2	
D7304	MA29T-B	DIODE	1	
D7305	1SS254	DIODE	1	
D7307	MA151K	DIODE	1	
D7601	MA4300M	DIODE	1	
D7602, 03	1SS254	DIODE	2	
D7702, 03	1SS355	DIODE	2	
D7704	MA700A	DIODE	1	
DL802	EFDBR124A53T	DELAY	1	
DL7701	ELB4Y026	FILTER	1	
IC301	MSM7403MS	IC	1	
IC302	TDA9715H/A	IC	1	
IC0701	LA7576	IC	1	
IC1001	HA17431PA	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC2001	BA6887-V3	IC	1	
IC2002	BA6871BS	IC	1	
IC4001	BA7795FS	IC	1	
IC4501	BH7778AK	IC	1	
IC4502	MG14052BF	IC	1	
IC6001	MN6755486H4N	IC	1	[SUPPLIED FROM MBV]
IC6002, 03	ON1387	IC	2	
IC7301	TDA9845	IC	1	
IC7302	TA8721SN	IC	1	
IC7701	M27C512MB1A	IC	1	[SUPPLIED FROM MBV]
IC7702	74HCT573D	IC	1	
IC7703	NJM2535M	IC	1	[SUPPLIED FROM MBV]
IC7704	ST24W16FB6	IC	1	[SUPPLIED FROM MBV]
IC7705	TDA8501	IC	1	
IC7706	P83C528MAAC	IC	1	[SUPPLIED FROM MBV]
IC7707	D74HC164G	IC	1	
IC7708	SAA5281ZPM3	IC	1	
IC7709	D74HC161G	IC	1	
IC7710	UPC393G2	IC	1	
IC7711	PST7043	IC	1	
K301	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
K303	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K0702	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K0704, 05	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	
K801, 02	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	
K805-07	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	3	
K851	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3001	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3005	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3014, 15	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	2	
K3020	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3039	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4002	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4004	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4009	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4503, 04	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	
K4641	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K4642	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4651	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1	
K6002	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K6006, 07	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	2	
K7302	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K7316	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1	
K7604	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7619	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7704	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7706	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7709	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
L301	ELESE330KA	COIL 33UH	1	
L302, 03	ELESE390KA	COIL 39UH	2	
L304	ELESE101KA	COIL 100UH	1	
L306	ELESE121KA	COIL 120UH	1	
L307	ELESE101KA	COIL 100UH	1	
L308	ELESE390JA	COIL 39UH	1	
L0701, 02	ELJNAR10MF	COIL 0.1UH	2	
L0705	VLQ0163J5R6	COIL 5.6UH	1	
L0706	VLQEL05S120K	COIL 12UH	1	
L802	ELESE101KA	COIL 100UH	1	
L803	ELESE270KA	COIL 27UH	1	
L805	ELESE150KA	COIL 15UH	1	
L808	ELESE6R8JA	COIL 6.8UH	1	
L809-11	ELESE101KA	COIL 100UH	3	
L812	VLP0125	COIL	1	
L2001	VLP0083	COIL	1	
L3001	VLQ0599J820	COIL 82UH	1	
L3002	VLQ0599J151	COIL 150UH	1	
L3003	VLQ0599J6R8	COIL 6.8UH	1	
L3004	VLQ0599J120	COIL 12UH	1	
L3006	VLQ0599J101	COIL 100UH	1	
L3008	VLQ0599J270	COIL 27UH	1	
L3009	VLQ0599J680	COIL 68UH	1	
L3012	VLQ0599J680	COIL 68UH	1	
L4002	ELESE471KA	COIL 470UH	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L4003	VLQ0599J680	COIL 68UH	1	
L4005, 06	VLP0150	COIL	2	
L4007	VLQ0123	COIL	1	
L6001	ELESE101KA	COIL 100UH	1	
L6002	VLP0083	COIL	1	
L6003, 04	VLQ0599J680	COIL 68UH	2	
L7601, 02	VLQ0599J1R0	COIL 1UH	2	
L7603-05	VLQ0599J680	COIL 68UH	3	
L7606	VLQ0599J2R2	COIL 2.2UH	1	
L7607, 08	VLQ0599J680	COIL 68UH	2	
L7701	VLQ0599J100	COIL 10UH	1	
L7702	VLQ0599J3R3	COIL 3.3UH	1	
L7703	VLQ0599J270	COIL 27UH	1	
L7704	VLQ0599J100	COIL 10UH	1	
L7705	VLQ0599J101	COIL 100UH	1	
L7707	VLQ0599J120	COIL 12UH	1	
P2001	VJS3640A002	CONNECTOR (FEMALE) 2P	1	
P2002	VJS3537A015G	CONNECTOR (FEMALE) 15P	1	
P2003	VJP3502	CONNECTOR (MALE)	1	
P2004	VJP1232T	CONNECTOR (MALE) 5P	1	
P3002	VJS3537A020G	CONNECTOR (FEMALE) 20P	1	
P4002	VJS3675E006G	CONNECTOR (FEMALE) 6P	1	
P4003	VJP1230T	CONNECTOR (MALE) 3P	1	
P6001	VJS3821	CONNECTOR (FEMALE) 4P	1	
PK0701	VJR0816E010W	CONNECTOR (MALE) 10P	1	
PK4501	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PK4502	VJR0777B013W	CONNECTOR (MALE) 13P	1	
PK4503	VJR0777B010W	CONNECTOR (MALE) 10P	1	
PK7301	VJR0777B007W	CONNECTOR (MALE) 7P	1	
PK7302	VJR0777B005W	CONNECTOR (MALE) 5P	1	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
PP3002	VJP3042A013W	CONNECTOR (MALE) 13P	1	
PP3003	VJP3042A005W	CONNECTOR (MALE) 5P	1	
PP3004	VJP3042A007W	CONNECTOR (MALE) 7P	1	
PP3005	VJP3042A010W	CONNECTOR (MALE) 10P	1	
PS301	VJR0819	CONNECTOR (MALE)	1	
PS3001	VJS3673B005G	CONNECTOR (FEMALE) 5P	1	
PS3006	VJS3631A011A	CONNECTOR (FEMALE) 11P	1	
PS6002	VJS3673B025G	CONNECTOR (FEMALE) 25P	1	
Q301	2SC3930	TRANSISTOR	1	
Q360	2SD1819A	TRANSISTOR	1	
Q361	2SB1218A	TRANSISTOR	1	
Q362	2SB1218A-R	TRANSISTOR	1	
Q0701	MSD601-S	TRANSISTOR	1	
Q0702	MSB709-R	TRANSISTOR	1	
Q804	2SC3930	TRANSISTOR	1	
Q1001	2SD601A	TRANSISTOR	1	
Q1002-04	2SD1996-S	TRANSISTOR	3	
Q1005	2SD601A	TRANSISTOR	1	
Q1006	MSD602	TRANSISTOR	1	
Q1007	2SD2544OPQA	TRANSISTOR	1	
Q3001	MSC2295	TRANSISTOR	1	
Q3002	MSB709	TRANSISTOR	1	
Q3003, 04	MSD601	TRANSISTOR	2	
Q3005	MSC2295	TRANSISTOR	1	
Q3006	MSB709	TRANSISTOR	1	
Q3007	MSC2295	TRANSISTOR	1	
Q3010	MSB709-R	TRANSISTOR	1	
Q3023	MSC2295	TRANSISTOR	1	
Q4005	2SB1320A-R	TRANSISTOR	1	
Q4006	2SD602A-R	TRANSISTOR	1	
Q4007-09	MSD601-R	TRANSISTOR	3	
Q4501	2SD1468	TRANSISTOR	1	
Q4551	2SA1515	TRANSISTOR	1	
Q6001	MSB709	TRANSISTOR	1	
Q6002, 03	PN205LT-NCVT	PHOTO TRANSISTOR	2	
Q7301	MSD601-S	TRANSISTOR	1	
Q7602	MSD601	TRANSISTOR	1	
Q7603	2SB710A	TRANSISTOR	1	
Q7703	MSB709	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q7704, 05	MSD601	TRANSISTOR	2	
Q7706	MSB709	TRANSISTOR	1	
QR360	UN511E	TRANSISTOR-RESISTOR	1	
QR361	UN5213	TRANSISTOR-RESISTOR	1	
QR806	UN5113	TRANSISTOR-RESISTOR	1	
QR807	UN5213	TRANSISTOR-RESISTOR	1	
QR1001, 02	MUN2113	TRANSISTOR-RESISTOR	2	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1	
QR3001	MUN2111	TRANSISTOR-RESISTOR	1	
QR3002, 03	DTC363EK	TRANSISTOR-RESISTOR	2	
QR3019	XN4213	TRANSISTOR-RESISTOR	1	
QR4001	MUN2212	TRANSISTOR-RESISTOR	1	
QR6001	XN1211	TRANSISTOR-RESISTOR	1	
QR6002	UN2114	TRANSISTOR-RESISTOR	1	
QR6004	XN1213	TRANSISTOR-RESISTOR	1	
QR7304	MUN2213	TRANSISTOR-RESISTOR	1	
QR7601, 02	MUN2213	TRANSISTOR-RESISTOR	2	
QR7701	UN2216	TRANSISTOR-RESISTOR	1	
QR7702	UN2215	TRANSISTOR-RESISTOR	1	
QR7703	MUN2113	TRANSISTOR-RESISTOR	1	
R305, 06	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R307	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R308, 09	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R310	ERJ6GEYK125	M. RESISTOR CH 1/10W 1.2M	1	
R311	ERJ3GEYJ224	M. RESISTOR CH 1/16W 220K	1	
R319	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R320	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R321	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R322	ERJ3GEYJ822	M. RESISTOR CH 1/16W 8.2K	1	
R325	ERJ3GEYJ332	M. RESISTOR CH 1/16W 3.3K	1	
R328	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R329	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R331, 32	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R333	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R334, 35	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	2	
R337	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R338	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R360	ERJ3GEYJ683	M. RESISTOR CH 1/16W 68K	1	
R361	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R362, 63	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	2	
R364, 65	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	2	
R367	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R369	ERJ3GEYJ390	M. RESISTOR CH 1/16W 39	1	
R370	ERJ3GEYJ124	M. RESISTOR CH 1/16W 120K	1	
R371	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R372	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R373	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R383	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R392	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R393	ERJ6GEYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R394	ERJ3GEYJ682	M. RESISTOR CH 1/16W 6.8K	1	
R0702	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R0704	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R0705	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R0706, 07	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	2	
R0708	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R0709	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M	1	
R0710	ERJ6GEYJ154	M. RESISTOR CH 1/10W 150K	1	
R0713	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	1	
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R0715	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R0716	VRE0040E151	M. RESISTOR CH 1/10W 150	1	
R0717	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
R0718	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0719	ERJ6GEYJ822	M. RESISTOR CH 1/10W 8.2K	1	
R0720	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0722	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R0728	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R0729	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0732	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R0783	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R801	ERJ3GEYJ181	M. RESISTOR CH 1/16W 180	1	
R802	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R804	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R805	ERJ3GEYJ163	M. RESISTOR CH 1/16W 16K	1	
R809	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R811	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R826	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1	
R827	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R835	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R836	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R837	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R838	ERJ6GEYJ271	M. RESISTOR CH 1/10W 270	1	
R839	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R840	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R841	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
R843	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R853	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R855	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R856	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R1001	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	
R1002	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R1003	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R1004	ERJ6GMYJ363	M. RESISTOR CH 1/10W 36K	1	
R1005	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R1006	ERDS2TJ122	C. RESISTOR 1/4W 1.2K	1	
R1007	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R1008	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	
R1009, 10	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	2	
R1011	ERDS1TJ272	C. RESISTOR 1/2W 2.7K	1	
R2001	ERJ6GMYG913	M. RESISTOR CH 1/10W 91K	1	
R2002-04	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	3	
R2005	ERX1SJ1R8	M. RESISTOR 1W 1.8	1	
R2006	ERJ6GMYG512	M. RESISTOR CH 1/10W 5.1K	1	
R2007	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2009, 10	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R2011	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R2012	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R2013	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R2014, 15	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2016	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2017, 18	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2019	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R2020	ERJ6GMYJ471	M. RESISTOR CH 1/10W 470	1	
R2021	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R2022	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2023	EROS2CKG8200	M. RESISTOR 1/4W 820	1	
R2024	EROS2CKG6800	M. RESISTOR 1/4W 680	1	
R2025	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R2026, 27	ERDS2TJ560	C. RESISTOR 1/4W 56	2	
R2028	ERDS1TJ561	C. RESISTOR 1/2W 560	1	
R2029	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2030	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R2031	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R2032	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R2033	ERJ6GMYJ684	M. RESISTOR CH 1/10W 680K	1	
R2034	ERJ6GMYG133	M. RESISTOR CH 1/10W 13K	1	
R2035	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R2036, 37	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	2	
R2038	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R2039, 40	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	2	
R2041, 42	ERJ6GMYJ392	M. RESISTOR CH 1/10W 3.9K	2	
R2043	ERDS2TJ560	C. RESISTOR 1/4W 56	1	
R2044	ERX12SJR47	M. RESISTOR 1/2W 0.47	1	
R2050	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R2051	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
R3001	ERJ6GMYJ561	M. RESISTOR CH 1/10W 560	1	
R3002	ERJ6GMYJ202	M. RESISTOR CH 1/10W 2K	1	
R3003	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3004	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R3005	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R3006	ERDS2TJ202	C. RESISTOR 1/4W 2K	1	
R3007	ERJ6GMYJ681	M. RESISTOR CH 1/10W 680	1	
R3008	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3009	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R3012	ERDS2T0	C. RESISTOR 1/4W 0	1	
R3015	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3017	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3018	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3019, 20	ERJ6GMYJ561	M. RESISTOR CH 1/10W 560	2	
R3021	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R3022	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R3023, 24	ERJ6GMYJ821	M. RESISTOR CH 1/10W 820	2	
R3025	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3026	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R3029	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3030	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R3032	ERJ6GMYJ334	M. RESISTOR CH 1/10W 330K	1	
R3033	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3034	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R3037	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R3039	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R3065	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R3068, 69	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R3076, 77	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R3078	ERDS2T0	C. RESISTOR 1/4W 0	1	
R3079, 80	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R4003	ERJ6GMYJ100	M. RESISTOR CH 1/10W 10	1	
R4007	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R4008	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4011	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4012	ERJ6GMYJ123	M. RESISTOR CH 1/10W 12K	1	
R4013	ERJ6GMYJ163	M. RESISTOR CH 1/10W 16K	1	
R4014	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R4015	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	
R4016	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4017	ERJ6GMYJ133	M. RESISTOR CH 1/10W 1.3K	1	
R4019	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R4020	ERJ6GMYJ123	M. RESISTOR CH 1/10W 12K	1	
R4021	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4022	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1	
R4023	ERJ6GMYG394	M. RESISTOR CH 1/10W 390K	1	
R4024	ERDS2TJ221	C. RESISTOR 1/4W 220	1	
R4025	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4026	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4027	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4028	ERJ6GMYG622	M. RESISTOR CH 1/10W 6.2K	1	
R4029	ERJ6GMYG133	M. RESISTOR CH 1/10W 13K	1	
R4030	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R4031	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4032	ERJ6GMYJ471	M. RESISTOR CH 1/10W 470	1	
R4033	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4034	ERJ6GMYJ203	M. RESISTOR CH 1/10W 20K	1	
R4035, 36	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R4037	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4038	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4039	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R4041, 42	ERJ6GMYJ393	M. RESISTOR CH 1/10W 39K	2	
R4043	ERG2SJ821	M. RESISTOR 2W 820	1	
R4044	ERDS1TJ222	C. RESISTOR 1/2W 2.2K	1	
R4048	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4049	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4050	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4051	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4054	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4055	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R4056	ERJ6GMYJ393	M. RESISTOR CH 1/10W 39K	1	
R4057	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R4058	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4059	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4062, 63	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	2	
R4064	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4065	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4067, 68	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R4069, 70	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	2	
R4071	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4073	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4503	VRE0071E203	M. RESISTOR CH 1/10W 20K	1	
R4504	ERJ3GEYG224	M. RESISTOR CH 1/16W 220K	1	
R4508	ERJ3GEYG224	M. RESISTOR CH 1/16W 220K	1	
R4512	VRE0071E113	M. RESISTOR CH 1/10W 11K	1	
R4513	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4517, 18	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4519, 20	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R4522	ERJ3GEYK225	M. RESISTOR CH 1/16W 2.2M	1	
R4528	VRE0071E153	M. RESISTOR CH 1/10W 15K	1	
R4529	ERJ3GEYG562	M. RESISTOR CH 1/16W 5.6K	1	
R4530	ERJ3GEYJ334	M. RESISTOR CH 1/16W 330K	1	
R4534	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4542	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R4562	VRE0071E822	M. RESISTOR CH 1/10W 8.2K	1	
R4563	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R4584	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4585	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R4586	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4601	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4603-05	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	3	
R4606	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R4607	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4608	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R4621	ERJ6GEYJ163	M. RESISTOR CH 1/10W 16K	1	
R4623	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R4624	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4695	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4697	ERJ6GEYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R6001	ERJ6GMYJ201	M. RESISTOR CH 1/10W 200	1	
R6002	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R6003-05	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	3	
R6006, 07	ERJ6GMYG223	M. RESISTOR CH 1/10W 22K	2	
R6008	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R6009	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6010	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6011	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6012, 13	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R6014	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R6015	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R6016	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R6017	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R6019	ERDS2TJ473	C. RESISTOR 1/4W 47K	1	
R6020	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R6021-23	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	3	
R6024	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R6025	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6026	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6028	ERJ6GMYJ392	M. RESISTOR CH 1/10W 3.9K	1	
R6033	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R6034	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6035, 36	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R6037, 38	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R6039	ERDS2TJ271	C. RESISTOR 1/4W 270	1	
R6040, 41	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R6043	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R6044	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6046	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6048	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6049	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R6050	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6052	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6054	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R6055	ERJ6GMYJ183	M. RESISTOR CH 1/10W 18K	1	
R6056-58	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	3	
R6059	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6060	ERJ6GMYJ822	M. RESISTOR CH 1/10W 8.2K	1	
R6061	ERJ6GMYJ243	M. RESISTOR CH 1/10W 24K	1	
R6062	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R6064	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6065	ERJ6GMYJ334	M. RESISTOR CH 1/10W 330K	1	
R7302	ERJ3GEYG133	M. RESISTOR CH 1/16W 13K	1	
R7303	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R7304	ERJ3GEYG392	M. RESISTOR CH 1/16W 3.9K	1	
R7305	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R7307	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R7311	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7313	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R7320	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R7323	ERJ3GEYG472	M. RESISTOR CH 1/16W 4.7K	1	
R7324, 25	ERJ3GEYG471	M. RESISTOR CH 1/16W 470	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7326	ERJ3GEYG113	M.RESISTOR CH 1/16W 11K	1	
R7327	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7328	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7329	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R7330	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7331	ERJ3GEYG113	M.RESISTOR CH 1/16W 11K	1	
R7336	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R7337	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R7345	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R7352,53	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R7354,55	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R7358,59	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R7362,63	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R7601	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R7602,03	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	2	
R7604	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R7605-07	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R7609	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R7612	ERG2SJ331	M.RESISTOR 2W 330	1	
R7614	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7616	ERG2SJ331	M.RESISTOR 2W 330	1	
R7618	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7619	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7702	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7703,04	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R7705	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7707	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7708	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R7709	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R7711	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R7712,13	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	2	
R7714-19	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	6	
R7720,21	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R7722	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7723	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7725	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7726	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R7727	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7729	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7730	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7731	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7732	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7733	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7734	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7735	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7736	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7737,38	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
R7739	ERJ6GMYJ112	M.RESISTOR CH 1/10W 1.1K	1	
R7740	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7741	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7742	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R7743	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7745	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R7747	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7748	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7750	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R7751	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7753	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7754	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R7756	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R7757	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7758	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R7761	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R7764	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
RX7701	EXBF9E103J	COMBI. R-R 10K	1	
S6001	VESO709	SWITCH	1	
T0703	EQV5EC071A	TRANSFORMER	1	
T0704	EQV5EC072A	TRANSFORMER	1	
T4002	E1Q7QF014Q	TRANSFORMER	1	
T7301	EQR7QG028P	TRANSFORMER	1	
T7304	E1S5EC017A	TRANSFORMER	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
T7305	EQS5EC033A	TRANSFORMER	1	
⚠TU7601	ENG47232G	TUNER	1	
VR301	EVMEASA00B13	V.RESISTOR 1K	1	
VR302	EVMEASA00B14	V.RESISTOR 10K	1	
VR303,04	EVMEASA00B53	V.RESISTOR 5K	2	
VR305,06	EVMEASA00B14	V.RESISTOR 10K	2	
VR0701	EVNGBAA00B24	V.RESISTOR 20K	1	
VR2001	EVNGYAA03B54	V.RESISTOR 50K	1	
VR3001,02	EVNGYAA03B23	V.RESISTOR 20K	2	
VR3012,13	EVNGYAA03B52	V.RESISTOR 500	2	
VR3014	EVNGYAA03B54	V.RESISTOR 50K	1	
VR4001	EVNGYAA03B15	V.RESISTOR 100K	1	
VR4501	EVMEGSA00BS3	V.RESISTOR 6.8K	1	
VR4509	EVMEGSA00B53	V.RESISTOR 5K	1	
VR4550	EVMEGSA00B14	V.RESISTOR 10K	1	
VR7301,02	EVNGBAA00B53	V.RESISTOR 5K	2	
X0701	VLF1178	FILTER	1	
X0703	EFGT5R5MW5	CRYSTAL OSCILLATOR	1	
X0704	VLF1035	FILTER	1	
X801	VSX0162	CRYSTAL OSCILLATOR	1	
X6001	VSX0583	CRYSTAL OSCILLATOR	1	
X7301	EFGS5R5MS5	FILTER	1	
X7304	EFGS5R74MS5B	FILTER	1	
X7305	VSX0648	CRYSTAL OSCILLATOR	1	
X7702	VSX0353	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMD2328	REEL GUIDE	1	
	VMD2329	PHOTO TRANSISTOR HOLDER	2	
	VMD2330	LED HOLDER	1	
	VMP4471	TV DEMODULATOR ANGLE	1	FOR TV DEMODU. C.B.A.
	VMP4894	SUPPORT ANGLE	1	FOR DECODER C.B.A.
■	VEP06B36B	MAIN C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610B
C301	ECQV1H104JM	P.CAPACITOR 50V 0.1U	1	
C302	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C303,04	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C305,06	ECEA1EKA4R7	E.CAPACITOR 25V 4.7U	2	
C308	ECUX1H680JCV	C.CAPACITOR CH 50V 68P	1	
C309	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	1	
C310	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C311	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	1	
C312	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C313	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C314	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C315	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C316	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C317	ECEA1EKN4R7	E.CAPACITOR 25V 4.7U	1	
C318	ECEA0JKA220	E.CAPACITOR 6.3V 22U	1	
C319	ECEA1HKA3R3	E.CAPACITOR 50V 3.3U	1	
C320	ECUM1H223KBN	C.CAPACITOR CH 50V 0.022U	1	
C321	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C322	ECUM1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C323	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C325	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C326	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C327	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C328	ECUM1H821JCN	C.CAPACITOR CH 50V 820P	1	
C329	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C330	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C331	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C332	ECUM1H561JCN	C.CAPACITOR CH 50V 560P	1	
C333	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C334	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C336	ECEA0JKA101	E.CAPACITOR 6.3V 100U	1	
C337	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C338,39	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	2	
C340	ECUX1E223ZFV	C.CAPACITOR CH 25V 0.022U	1	
C341	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C342	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C360	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C361	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	1	
C362	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C363	ECUX1H392KBV	C. CAPACITOR CH 50V 3900P	1	
C364	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C365	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C381	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C382, 83	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0701, 02	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0704	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0707, 08	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0709	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C0710	ECUX1H470JPV	C. CAPACITOR CH 50V 47P	1	
C0711	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0712	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0714	ECQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0715	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0716	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0717	ECUX1H270JPV	C. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKSR47	E. CAPACITOR 50V 0.47U	1	
C0719	ECUX1H060DCV	C. CAPACITOR CH 50V 6P	1	
C0720	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0726	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0730	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0732	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C801-04	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	4	
C806	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C808	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C813	ECUX1H181JCV	C. CAPACITOR CH 50V 180P	1	
C814	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C815	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C820	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C821, 22	ECUX1H560JCV	C. CAPACITOR CH 50V 56P	2	
C823, 24	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C825	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C826-28	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	3	
C830, 31	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C832	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C833	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C834	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C835	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C836	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C837	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C838	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C839	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C840	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C841	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C842	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C843	ECUX1E223ZFV	C. CAPACITOR CH 25V 0.022U	1	
C844	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C845	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C846	ECUX1H390JCV	C. CAPACITOR CH 50V 39P	1	
C847	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
C848	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C849	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C850	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C851	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C853	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C854	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C856	ECUX1H222KBV	C. CAPACITOR CH 50V 2200P	1	
C857	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C858	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C859	ECEA1HKAR33	E. CAPACITOR 50V 0.33U	1	
C860	ECUM1H333KBN	C. CAPACITOR CH 50V 0.033U	1	
C861	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C862	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C868, 69	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C893	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C1001	ECA1CM101	E. CAPACITOR 16V 100U	1	
C1002	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1003	ECA1CM470	E. CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1005	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C1006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1007	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1008	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1009	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C1010	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1011	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1012	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1013	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C2001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2002, 03	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C2004	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C2005	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2006	ECUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2007	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
C2008	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2009	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2010	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C2011	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2012	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C2013	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C2014	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2015	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C2016, 17	ECEA1EKN3R3	E. CAPACITOR 25V 3.3U	2	
C2018	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2019, 20	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C2021, 22	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	2	
C2023	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C2024, 25	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	2	
C2026	ECEA1HKNR22	E. CAPACITOR 50V 0.22U	1	
C2027	ECA1EM470	E. CAPACITOR 25V 47U	1	
C2028	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C2029	ECA1EM470	E. CAPACITOR 25V 47U	1	
C2030, 31	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	2	
C2032	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2033	ECA0JM221	E. CAPACITOR 6.3V 220U	1	
C2035	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
C2036	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2037	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2038-40	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	3	
C2041, 42	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	2	
C2043, 44	ECUM1C474ZFN	C. CAPACITOR CH 16V 0.47U	2	
C2045	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2046	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C2053	ECEA1HKAR47	E. CAPACITOR 50V 0.47U	1	
C3001	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3002	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C3003	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3007	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C3008	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C3009	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3010	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C3012	ECEA0JKA330	E. CAPACOTOR 6.3V 33U	1	
C3017, 18	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C3019	ECUM1H620JCN	C. CAPACITOR CH 50V 62P	1	
C3021	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3023	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3024	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3027	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C3028	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C3029	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3031	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3032	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3033	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3055	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3057	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C3061	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3062	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C3063	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4004	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4005	ECCD2H181J	C. CAPACITOR 500V 180P	1	
C4006	ECEA1CKA330	E. CAPACITOR 16V 33U	1	
C4007	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4009	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4011	ECQP1362JZ	P. CAPACITOR 100V 3600P	1	
C4015	ECUM1H391JCN	C. CAPACITOR CH 50V 390P	1	
C4017	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4018-20	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	3	
C4021	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	1	
C4022	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4023	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C4024	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	1	
C4025, 26	ECEA1CKA220	E. CAPACITOR 16V 22U	2	
C4027	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C4028	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4029	ECUM1H391JCN	C. CAPACITOR CH 50V 390P	1	
C4030	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4031	ECEA1AKA101	E. CAPACITOR 10V 100U	1	
C4032	ECUM1H822KBN	C. CAPACITOR CH 50V 8200P	1	
C4033, 34	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2	
C4038	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4039	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C4040	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4041	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C4042	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4044	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1	
C4501	ECUX1H681JCV	C. CAPACITOR CH 50V 680P	1	
C4502	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4503	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C4506	ECEA1CU100	E. CAPACITOR 16V 10U	1	
C4507	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4508	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4509	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4510	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C4511	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4512	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4513	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C4514	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C4515	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4521	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4522	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4530	ECEA0JU470	E. CAPACITOR 6.3V 47U	1	
C4533	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4537	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4538	ECEA1HUR47	E. CAPACITOR 50V 0.47U	1	
C4541	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4551	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4556	ECEA1CU100	E. CAPACITOR 16V 10U	1	
C4558	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4559	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4560	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C4561	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4562	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4565	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4568	ECFF1H104ZF	P. CAPACITOR 50V 0.1U	1	
C4572	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4576	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4585, 86	ECEA0JU101	E. CAPACITOR 6.3V 100U	2	
C4587	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4591	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4592	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C4674	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4675	ECFF1H104ZF	P. CAPACITOR 50V 0.1U	1	
C4676	ECA1VM470	E. CAPASITOR 35V 47U	1	
C4677	ECEA1CU470	E. CAPACITOR 16V 47U	1	
C6001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6002	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
C6003	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C6004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C6005	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C6006	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6007	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C6008	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C6009	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C6010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6013, 14	ECUM1H271JCN	C. CAPACITOR CH 50V 270P	2	
C6015	ECEA1CKA100	E. CAPACITOR 16V 10U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C6016	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6017	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C6018	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C7301, 02	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C7303	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7304	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7305	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C7306	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	1	
C7309-12	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	4	
C7313	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C7314	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7315	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7317	ECUX1H090DCV	C. CAPACITOR CH 50V 90P	1	
C7319	ECRHA020D54R	V. CAPACITOR 50K	1	
C7320	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7321	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7322	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7323, 24	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	2	
C7325, 26	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C7327	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7328	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7329, 30	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	2	
C7331	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7332, 33	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C7334	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7335	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7338	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7339	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7340	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7341	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7342	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7343	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7344	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7345	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7346	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7347	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7348	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7350	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7351	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7352	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7353	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7354	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7355	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7357	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7358	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C7359	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7365	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7369	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7370	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7371, 72	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C7374, 75	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	2	
C7601, 02	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7603	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C7604	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7605	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7606	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C7607	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7608	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C7609	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7610, 11	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7612	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7613	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C7614	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7615	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7616	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C7617	ECEA1AKS221	E. CAPACITOR 10V 220U	1	
C7701	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C7702	ECUM1H080DCN	C. CAPACITOR CH 50V 8P	1	
C7703	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
C7704, 05	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7706	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7707-10	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	4	
C7712	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7713	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7714	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7715	ECEA1CKN100	E.CAPACITOR 16V 10U	1	
C7716	ECUM1H120JCN	C.CAPACITOR CH 50V 12P	1	
C7718	ECUM1H561JCN	C.CAPACITOR CH 50V 560P	1	
C7719	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7720	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7721	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7723	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7724	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7727	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7729	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7731	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7732	ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1	
C7734	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7736	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7737	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
C7738,39	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
C7742	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7743	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	
C7744	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7745	ECUM1C224ZFN	C.CAPACITOR CH 16V 0.22U	1	
C7746,47	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
C7748	ECUM1H102JCN	C.CAPACITOR CH 50V 1000P	1	
C7749	ECUM1H473ZFN	C.CAPACITOR CH 50V 0.047U	1	
C7750	ECUM1C224ZFN	C.CAPACITOR CH 16V 0.22U	1	
D301	MA141K	DIODE	1	
D381	MA141K	DIODE	1	
D382	MA143	DIODE	1	
D383	MA141K	DIODE	1	
D802	MA141K	DIODE	1	
D1001	MA4051-L	DIODE	1	
D1002	11ES1	DIODE	1	
D1003	MA4120-M	DIODE	1	
D1004	MA4051-L	DIODE	1	
D1005	1SS355	DIODE	1	
D1007,08	1SS355	DIODE	2	
D1009	1SS254	DIODE	1	
D2001	MA153	DIODE	1	
D2002	MA151K	DIODE	1	
D2003-05	1SS355	DIODE	3	
D2006,07	MA700	DIODE	2	
D2008,09	MA185	DIODE	2	
D3001,02	1SS254	DIODE	2	
D3007	1SS254	DIODE	1	
D4003-05	1SS254	DIODE	3	
D4504	1SS254	DIODE	1	
D6001	LN59LT.VT	LED	1	
D6002	MA4075-L	DIODE	1	
D6003	MA151K	DIODE	1	
D6007,08	1SS254	DIODE	2	
D7301	MA3082-L	DIODE	1	
D7302	MA151K	DIODE	1	
D7303	MA151WK	DIODE	1	
D7304	MA717	DIODE	1	
D7306	MA151WK	DIODE	1	
D7601	MA4300M	DIODE	1	
D7702	1SS355	DIODE	1	
D7704	MA700A	DIODE	1	
DL802	EFDWLA13A	DELAY	1	
DL7701	ELB4Y026	FILTER	1	
FL7301,02	VLF0633	FILTER	2	
IC301	MSM7403MS	IC	1	
IC302	TDA9715H/A	IC	1	
IC0701	LA7576	IC	1	
IC801	M52352FP	IC	1	
IC1001	HA17431PA	IC	1	
IC2001	BA6887-V3	IC	1	
IC2002	BA6871BS	IC	1	
IC4001	BA7795FS	IC	1	
IC4501	BH7778AK	IC	1	
IC4502	MC14052BF	IC	1	
IC6001	MN6755486H4N	IC	1	[SUPPLIED FROM MBV]

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC6002,03	ON1387	IC	2	
IC7301	MSP3410-15	IC	1	
IC7302	PST7043	IC	1	
IC7303	M5238FP	IC	1	
IC7304	HA17431PA	IC	1	
IC7305	MN155402VZDB	IC	1	
IC7306	PST7043	IC	1	
IC7701	M27C512MB1A	IC	1	[SUPPLIED FROM MBV]
IC7702	74HCT573D	IC	1	
IC7703	NJM2535M	IC	1	[SUPPLIED FROM MBV]
IC7704	ST24W16FB6	IC	1	[SUPPLIED FROM MBV]
IC7705	TDA8501	IC	1	
IC7706	P83C528MAAC	IC	1	[SUPPLIED FROM MBV]
IC7707	D74HC164G	IC	1	
IC7708	SAA5281ZPM3	IC	1	
IC7709	D74HC161G	IC	1	
IC7710	UPC393G2	IC	1	
IC7711	PST7043	IC	1	
K301	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
K303	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K0702	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K0704,05	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
K801	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K851	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K1001	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K3001	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K3005	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K3014,15	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	2	
K3020	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K3039	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4002	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4004	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4009	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4503,04	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
K4641	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K4642	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K4651	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
K6003	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K6006,07	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	2	
K7305-07	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
K7314	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K7317	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
K7604	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K7619	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K7704	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K7706	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
K7709	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
L301	ELESE330KA	COIL 33UH	1	
L302,03	ELESE390KA	COIL 39UH	2	
L304	ELESE101KA	COIL 100UH	1	
L306	ELESE121KA	COIL 120UH	1	
L307	ELESE101KA	COIL 100UH	1	
L308	ELESE390JA	COIL 39UH	1	
L0701	VLQ0163JR22	COIL 0.22UH	1	
L0705	VLQ0163J2R7	COIL 2.7UH	1	
L0706	VLQEL05S8R2K	COIL 8.2UH	1	
L802	ELESE101KA	COIL 100UH	1	
L803	ELESE270KA	COIL 27UH	1	
L805,06	ELESE150KA	COIL 15UH	2	
L807	ELESE101KA	COIL 100UH	1	
L808	ELESE6R8JA	COIL 6.8UH	1	
L809-11	ELESE101KA	COIL 100UH	3	
L812	VLP0125	COIL	1	
L2001	VLP0083	COIL	1	
L3001	VLQ0599J820	COIL 82UH	1	
L3002	VLQ0599J151	COIL 150UH	1	
L3003	VLQ0599J6R8	COIL 6.8UH	1	
L3004	VLQ0599J120	COIL 12UH	1	
L3006	VLQ0599J101	COIL 100UH	1	
L3008	VLQ0599J270	COIL 27UH	1	
L3009	VLQ0599J680	COIL 68UH	1	
L3012	VLQ0599J680	COIL 68UH	1	
L4002	ELESE471KA	COIL 470UH	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L4003	VLQ0599J680	COIL 68UH	1	
L4005, 06	VLP015Q	COIL	2	
L4007	VLQ0123	COIL	1	
L6001	ELESE101KA	COIL 100UH	1	
L6002	VLP0083	COIL	1	
L6003, 04	VLQ0599J680	COIL 68UH	2	
L7301	ELEXH100JBV	COIL 10UH	1	
L7302	VLP015Q	COIL	1	
L7601, 02	VLQ0599J1R0	COIL 1UH	2	
L7603-05	VLQ0599J680	COIL 68UH	3	
L7606	VLQ0599J2R2	COIL 2.2UH	1	
L7607, 08	VLQ0599J680	COIL 68UH	2	
L7701	VLQ0599J100	COIL 10UH	1	
L7702	VLQ0599J3R3	COIL 3.3UH	1	
L7704	VLQ0599J100	COIL 10UH	1	
L7705	VLQ0599J101	COIL 100UH	1	
L7707	VLQ0599J120	COIL 12UH	1	
P2001	VJS3640A002	CONNECTOR (FEMALE) 2P	1	
P2002	VJS3537A015G	CONNECTOR (FEMALE) 15P	1	
P2003	VJP3502	CONNECTOR (MALE)	1	
P2004	VJP1232T	CONNECTOR (MALE) 5P	1	
P3002	VJS3537A020G	CONNECTOR (FEMALE) 20P	1	
P4002	VJS3675E006G	CONNECTOR (FEMALE) 6P	1	
P4003	VJP1230T	CONNECTOR (MALE) 3P	1	
P6001	VJS3821	CONNECTOR (FEMALE) 4P	1	
PK0701	VJR0816E010W	CONNECTOR (MALE) 10P	1	
PK4501	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PK4502	VJR0777B013W	CONNECTOR (MALE) 13P	1	
PK4503	VJR0777B010W	CONNECTOR (MALE) 10P	1	
PK7301	VJR0777B009W	CONNECTOR (MALE) 9P	1	
PK7302	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
PP3002	VJP3042A013W	CONNECTOR (MALE) 13P	1	
PP3003	VJP3042A005W	CONNECTOR (MALE) 5P	1	
PP3004	VJP3042A007W	CONNECTOR (MALE) 7P	1	
PP3005	VJP3042A010W	CONNECTOR (MALE) 10P	1	
PS301	VJR0819	CONNECTOR (MALE)	1	
PS3001	VJS3673B005G	CONNECTOR (FEMALE) 5P	1	
PS3006	VJS3631A011A	CONNECTOR (FEMALE) 11P	1	
PS6002	VJS3673B025G	CONNECTOR (FEMALE) 25P	1	
Q301	2SC3930	TRANSISTOR	1	
Q360	2SD1819A	TRANSISTOR	1	
Q361	2SB1218A	TRANSISTOR	1	
Q362	2SB1218A-R	TRANSISTOR	1	
Q0701	MSD601-S	TRANSISTOR	1	
Q0702	MSB709-R	TRANSISTOR	1	
Q804	2SC3930	TRANSISTOR	1	
Q1001	2SD601A	TRANSISTOR	1	
Q1002-04	2SD1996-S	TRANSISTOR	3	
Q1005	2SD601A	TRANSISTOR	1	
Q1007	2SD25440PQA	TRANSISTOR	1	
Q3001	MSC2295	TRANSISTOR	1	
Q3002	MSB709	TRANSISTOR	1	
Q3003, 04	MSD601	TRANSISTOR	2	
Q3005	MSC2295	TRANSISTOR	1	
Q3006	MSB709	TRANSISTOR	1	
Q3007	MSC2295	TRANSISTOR	1	
Q3010	MSB709-R	TRANSISTOR	1	
Q3023	MSC2295	TRANSISTOR	1	
Q4005	2SB1320A-R	TRANSISTOR	1	
Q4006	2SD602A-R	TRANSISTOR	1	
Q4007-09	MSD601-R	TRANSISTOR	3	
Q4501	2SD1468	TRANSISTOR	1	
Q4551	2SA1515	TRANSISTOR	1	
Q6001	MSB709	TRANSISTOR	1	
Q6002, 03	PN205LT-NCVT	PHOTO TRANSISTOR	2	
Q7301, 02	2SD1996	TRANSISTOR	2	
Q7304	2SC2404	TRANSISTOR	1	
Q7305	MSD601-S	TRANSISTOR	1	
Q7308	2SB709A	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q7310	2SB709A	TRANSISTOR	1	
Q7311-13	MSD1328-S	TRANSISTOR	3	
Q7603	2SB710A	TRANSISTOR	1	
Q7703	MSB709	TRANSISTOR	1	
Q7705	MSD601	TRANSISTOR	1	
Q7706	MSB709	TRANSISTOR	1	
QR360	UN511E	TRANSISTOR-RESISTOR	1	
QR361	UN5213	TRANSISTOR-RESISTOR	1	
QR801	UN5213	TRANSISTOR-RESISTOR	1	
QR804	UN5113	TRANSISTOR-RESISTOR	1	
QR806	UN5113	TRANSISTOR-RESISTOR	1	
QR807	UN5213	TRANSISTOR-RESISTOR	1	
QR808	UN5212	TRANSISTOR-RESISTOR	1	
QR1601, 02	MUN2113	TRANSISTOR-RESISTOR	2	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1	
QR3001	MUN2111	TRANSISTOR-RESISTOR	1	
QR3002, 03	DTC363EK	TRANSISTOR-RESISTOR	2	
QR3019	XN4213	TRANSISTOR-RESISTOR	1	
QR4001	MUN2212	TRANSISTOR-RESISTOR	1	
QR4651, 52	UN5213	TRANSISTOR-RESISTOR	2	
QR6001	XN1211	TRANSISTOR-RESISTOR	1	
QR6002	UN2114	TRANSISTOR-RESISTOR	1	
QR6004	XN1213	TRANSISTOR-RESISTOR	1	
QR6005	MUN2112	TRANSISTOR-RESISTOR	1	
QR7301	MUN2213	TRANSISTOR-RESISTOR	1	
QR7302	MUN2112	TRANSISTOR-RESISTOR	1	
QR7601, 02	MUN2213	TRANSISTOR-RESISTOR	2	
QR7701	UN2216	TRANSISTOR-RESISTOR	1	
QR7702	UN2215	TRANSISTOR-RESISTOR	1	
R305, 06	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R307	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R308, 09	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R310	ERJ6GEYK125	M.RESISTOR CH 1/10W 1.2M	1	
R311	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R312	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R319	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R320	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R321	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R322	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R325	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R328	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R329	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R331, 32	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R333	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R334, 35	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	2	
R337	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R338	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R360	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R361	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R362, 63	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R364, 65	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	2	
R367	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R369	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R370	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R371	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R372	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R373	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R383	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R392	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R393	ERJ6GEYJ225	M.RESISTOR CH 1/10W 2.2M	1	
R394	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
R0702	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R0704	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R0705	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R0706, 07	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R0708	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R0709	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R0710	ERJ6GEYJ154	M.RESISTOR CH 1/10W 150K	1	
R0713	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R0714	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R0715	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R0716	VRE0040E151	M.RESISTOR CH 1/10W 150	1	
R0717	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R0718	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R0719	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R0720	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R0722	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0728	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R0729	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R0732	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R0783	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R801	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R802	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R804	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R805	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R809	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R811	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R819,20	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	2	
R821	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R822	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R823	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R824,25	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	2	
R826	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R827,28	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	2	
R829	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R830	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	1	
R831	ERJ3GEYJ204	M.RESISTOR CH 1/16W 200K	1	
R832	ERJ3GEYJ154	M.RESISTOR CH 1/16W 150K	1	
R833	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R834	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R835	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R836	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R837	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R838	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R839	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R840	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R841	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R843	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R853	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R855	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R856	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R862	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R863	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1001	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R1002	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R1003	ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R1004	ERJ6GMYJ363	M.RESISTOR CH 1/10W 36K	1	
R1005	ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R1006	ERDS2TJ122	C.RESISTOR 1/4W 1.2K	1	
R1007	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R1008	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R1009,10	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R1011	ERDS1TJ272	C.RESISTOR 1/2W 2.7K	1	
R2001	ERJ6GMYG913	M.RESISTOR CH 1/10W 91K	1	
R2002-04	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R2005	ERX1SJ1R8	M.RESISTOR 1W 1.8	1	
R2006	ERJ6GMYG512	M.RESISTOR CH 1/10W 5.1K	1	
R2007	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2009,10	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R2011	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2012	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2013	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R2014,15	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2016	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2017,18	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2019	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2020	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R2021	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2022	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2023	EROS2CKG8200	M.RESISTOR 1/4W 820	1	
R2024	EROS2CKG6800	M.RESISTOR 1/4W 680	1	
R2025	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2026,27	ERDS2TJ560	C.RESISTOR 1/4W 56	2	
R2028	ERDS1TJ561	C.RESISTOR 1/2W 560	1	
R2029	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2030	ERJ6GMYG432	M.RESISTOR CH 1/10W 4.3K	1	
R2031	ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R2032	ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2033	ERJ6GMYJ684	M.RESISTOR CH 1/10W 680K	1	
R2034	ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R2035	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R2036,37	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R2038	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2039,40	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	2	
R2041,42	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	2	
R2043	ERDS2TJ560	C.RESISTOR 1/4W 56	1	
R2044	ERX12SJR47	M.RESISTOR 1/2W 0.47	1	
R2050	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2051	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R3001	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3002	ERJ6GMYJ202	M.RESISTOR CH 1/10W 2K	1	
R3003	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3004	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3005	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3006	ERDS2TJ202	C.RESISTOR 1/4W 2K	1	
R3007	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3008	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3009	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3012	ERDS2TO	C.RESISTOR 1/4W 0	1	
R3015	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3017	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R3018	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3019,20	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	2	
R3021	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R3022	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3023,24	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	2	
R3025	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3026	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3029	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3030	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3032	ERJ6GMYJ334	M.RESISTOR CH 1/10W 330K	1	
R3033	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3034	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3037	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R3039	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3065	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3068,69	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R3076,77	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R3078	ERDS2TO	C.RESISTOR 1/4W 0	1	
R3079,80	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R4003	ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R4007	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4008	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4011	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4012	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4013	ERJ6GMYJ163	M.RESISTOR CH 1/10W 16K	1	
R4014	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4015	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R4016	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4017	ERJ6GMYJ133	M.RESISTOR CH 1/10W 1.3K	1	
R4019	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R4020	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4021	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4022	ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R4023	ERJ6GMYG394	M.RESISTOR CH 1/10W 390K	1	
R4024	ERDS2TJ221	C.RESISTOR 1/4W 220	1	
R4025	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4026	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4027	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4028	ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R4029	ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R4030	ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4031	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4032	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4033	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4034	ERJ6GMYJ203	M.RESISTOR CH 1/10W 20K	1	
R4035,36	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R4037	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4038	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4039	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4041,42	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	2	
R4043	ERG2SJ821	M.RESISTOR 2W 820	1	
R4044	ERDS1TJ222	C.RESISTOR 1/2W 2.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4048	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4049	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4050	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4051	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4054	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4055	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R4056	ERJ6GMYJ393	M. RESISTOR CH 1/10W 39K	1	
R4057	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R4058	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4059	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4062, 63	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	2	
R4064	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4065	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4067, 68	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R4069, 70	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	2	
R4071	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R4073	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4503	VRE0071E203	M. RESISTOR CH 1/10W 20K	1	
R4504	ERJ3GEYG224	M. RESISTOR CH 1/16W 220K	1	
R4508	ERJ3GEYG224	M. RESISTOR CH 1/16W 220K	1	
R4512	VRE0071E123	M. RESISTOR CH 1/10W 12K	1	
R4513	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4517, 18	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	2	
R4519, 20	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R4522	ERJ3GEYK225	M. RESISTOR CH 1/16W 2.2M	1	
R4528	VRE0071E153	M. RESISTOR CH 1/10W 15K	1	
R4529	ERJ3GEYG562	M. RESISTOR CH 1/16W 5.6K	1	
R4530	ERJ3GEYJ334	M. RESISTOR CH 1/16W 330K	1	
R4534	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4542	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R4562	VRE0071E912	M. RESISTOR CH 1/10W 9.1K	1	
R4563	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R4584	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4585	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R4586	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4598	VRE0034E124	M. RESISTOR CH 1/10W 120K	1	
R4599	VRE0034E114	M. RESISTOR CH 1/10W 110K	1	[SUPPLIED FROM MBV]
R4601	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4603-05	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	3	
R4606	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R4607	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4608	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R4621	ERJ6GEYJ163	M. RESISTOR CH 1/10W 16K	1	
R4623	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R4624	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4695	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4697	ERJ6GEYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R6001	ERJ6GMYJ201	M. RESISTOR CH 1/10W 200	1	
R6002	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R6003-05	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	3	
R6006, 07	ERJ6GMYG223	M. RESISTOR CH 1/10W 22K	2	
R6008	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R6009	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6010	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6011	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6012, 13	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R6014	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R6015	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R6016	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R6017	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R6018	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6019	ERDS2TJ473	C. RESISTOR 1/4W 47K	1	
R6020	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R6021-23	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	3	
R6024	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R6025	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6026	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6028	ERJ6GMYJ392	M. RESISTOR CH 1/10W 3.9K	1	
R6033	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R6034	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6035, 36	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R6037, 38	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R6039	ERDS2TJ271	C. RESISTOR 1/4W 270	1	
R6040, 41	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6043	ERJ6GMYJ392	M. RESISTOR CH 1/10W 3.9K	1	
R6044	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6046	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6048	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6049	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R6050	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6052	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6054	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R6055	ERJ6GMYJ183	M. RESISTOR CH 1/10W 18K	1	
R6056-58	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	3	
R6059	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6060	ERJ6GMYJ822	M. RESISTOR CH 1/10W 8.2K	1	
R6061	ERJ6GMYJ243	M. RESISTOR CH 1/10W 24K	1	
R6062	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R6064	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6065	ERJ6GMYJ334	M. RESISTOR CH 1/10W 330K	1	
R7301	ERJ6GEYJ182	M. RESISTOR CH 1/10W 1.8K	1	
R7302	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7303	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R7308	ERJ3GEYJ121	M. RESISTOR CH 1/16W 120	1	
R7309, 10	ERJ6GEYJ561	M. RESISTOR CH 1/10W 560	2	
R7311	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	1	
R7312	ERJ6GEYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R7313, 14	ERJ3GEYG272	M. RESISTOR CH 1/16W 2.7K	2	
R7315	ERJ3GEYJ114	M. RESISTOR CH 1/16W 110K	1	
R7316	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R7317	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7320	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7321-23	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	3	
R7324	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7325	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7326	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7327-29	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	3	
R7330	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7332	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7333	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R7334-36	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	3	
R7337	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7339	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7341-43	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	3	
R7344	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7345, 46	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	2	
R7350	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7351	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R7352-56	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	5	
R7357	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R7362	ERJ3GEYJ682	M. RESISTOR CH 1/16W 6.8K	1	
R7366	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7367	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7368	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R7370	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R7376, 77	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	2	
R7378	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R7379	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7381	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7383	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
R7601	ERJ6GMYJ151	M. RESISTOR CH 1/10W 150	1	
R7602, 03	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	
R7604	ERJ6GMYJ151	M. RESISTOR CH 1/10W 150	1	
R7605-07	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	3	
R7609	ERDS2TJ330	C. RESISTOR 1/4W 33	1	
R7612	ERG2SJ331	M. RESISTOR 2W 330	1	
R7614	ERJ6GMYJ561	M. RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7616	ERG2SJ331	M. RESISTOR 2W 330	1	
R7618	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R7619	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7702	ERJ6GMYJ182	M. RESISTOR CH 1/10W 1.8K	1	
R7703, 04	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R7705	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7707	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7708	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R7709	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
R7711	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R7712, 13	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7714-19	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	6	
R7720, 21	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R7723	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R7725	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R7729	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R7730	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	1	
R7731	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7732	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R7733	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R7734	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7735	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R7736	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R7737, 38	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R7739	ERJ6GMYJ112	M. RESISTOR CH 1/10W 1.1K	1	
R7740	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7741	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R7742	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R7743	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7745	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	1	
R7747	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R7748	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7750	ERJ6GMYJ561	M. RESISTOR CH 1/10W 560	1	
R7751	ERJ6GMYJ392	M. RESISTOR CH 1/10W 3.9K	1	
R7753	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7754	ERJ6GMYJ122	M. RESISTOR CH 1/10W 1.2K	1	
R7758	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R7761	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R7764	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
RX7701	EXBF9E103J	COMBI. R-R 10K	1	
S6001	VESO709	SWITCH	1	
T0703	EQV5EC071A	TRANSFORMER	1	
T0704	EQV5EC072A	TRANSFORMER	1	
T4002	EIQ7QF014Q	TRANSFORMER	1	
⚠TU7601	ENG47211GR	TUNER	1	
VR301	EVMEASA00B13	V. RESISTOR 1K	1	
VR302	EVMEASA00B14	V. RESISTOR 10K	1	
VR303, 04	EVMEASA00B53	V. RESISTOR 5K	2	
VR305, 06	EVMEASA00B14	V. RESISTOR 10K	2	
VR0701	EVNGBAA00B24	V. RESISTOR 20K	1	
VR801	EVNGYAA03B14	V. RESISTOR 10K	1	
VR2001	EVNGYAA03B54	V. RESISTOR 50K	1	
VR3001, 02	EVNGYAA03B23	V. RESISTOR 20K	2	
VR3012, 13	EVNGYAA03B52	V. RESISTOR 500	2	
VR3014	EVNGYAA03B54	V. RESISTOR 50K	1	
VR4001	EVNGYAA03B15	V. RESISTOR 100K	1	
VR4501	EVMEGSA00BS3	V. RESISTOR 6.8K	1	
VR4509	EVMECSA00B53	V. RESISTOR 5K	1	
VR4550	EVMECSA00B14	V. RESISTOR 10K	1	
X0701	VLF1180	FILTER	1	
X0703	EFCS6M65MW3B	FILTER	1	
X0704	VLF1313	FILTER	1	
X801	VSX0162	CRYSTAL OSCILLATOR	1	
X6001	VSX0583	CRYSTAL OSCILLATOR	1	
X7302	VSX0683	CRYSTAL OSCILLATOR	1	
X7303	EF06C4004A4	CRYSTAL OSCILLATOR	1	
X7702	VSX0353	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMD2328	REEL GUIDE	1	
	VMD2329	PHOTO TRANSISTOR HOLDER	2	
	VMD2330	LED HOLDER	1	
	VMP4471	TV DEMODULATOR ANGLE	1	FOR TV DEMODU. C.B.A.
	VSC3553	SHIELD COVER (MAIN)	1	FOR NICAM DECODER C.B.A.
	VSC3555	SHIELD COVER (BOTTOM)	1	FOR NICAM DECODER C.B.A.
■	VEP06B36C	MAIN C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C301	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C302	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C303, 04	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C305, 06	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	2	
C308	ECUX1H680JCV	C. CAPACITOR CH 50V 68P	1	
C309	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C310	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C311	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1	
C312	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C313	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C314	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C315	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C316	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C317	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C318	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C319	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C320	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C321	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C322	ECUM1H333KBN	C. CAPACITOR CH 50V 0.033U	1	
C323	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C325	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C326	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C327	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C328	ECUM1H821JCN	C. CAPACITOR CH 50V 820P	1	
C329	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C330	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C331	ECUX1H560JCV	C. CAPACITOR CH 50V 56P	1	
C332	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C333	ECUX1H151JCV	C. CAPACITOR CH 50V 150P	1	
C334	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C336	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C337	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C338, 39	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C340	ECUX1E223ZFV	C. CAPACITOR CH 25V 0.022U	1	
C341	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C342	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C360	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C361	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	1	
C362	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C363	ECUX1H392KBV	C. CAPACITOR CH 50V 3900P	1	
C364	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C365	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C381	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C382, 83	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0701, 02	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0704	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0707, 08	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0709	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C0710	ECUX1H470JPV	C. CAPACITOR CH 50V 47P	1	
C0711	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0712	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0714	ECQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0715	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0716	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0717	ECUX1H270JPV	C. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKSR47	E. CAPACITOR 50V 0.47U	1	
C0719	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C0720	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0726	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0730	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0732	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C801-04	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	4	
C806	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C808	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C813	ECUX1H181JCV	C. CAPACITOR CH 50V 180P	1	
C814	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C815	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C839	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C840	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C841	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C842	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C843	ECUX1E223ZFV	C. CAPACITOR CH 25V 0.022U	1	
C844	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C845	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C846	ECUX1H390JCV	C. CAPACITOR CH 50V 39P	1	
C847	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
C848	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C849	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C850	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C851	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C853	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C854	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C856	ECUX1H222KBV	C. CAPACITOR CH 50V 2200P	1	
C857	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C858	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C859	ECEA1HKAR33	E. CAPACITOR 50V 0.33U	1	
C860	ECUM1H333KBN	C. CAPACITOR CH 50V 0.033U	1	
C861	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C862	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C868, 69	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C893	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C1001	ECA1CM101	E. CAPACITOR 16V 100U	1	
C1002	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1003	ECA1CM470	E. CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C1006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1007	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1008	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1009	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C1010	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1011	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1012	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1013	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C2001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2002, 03	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C2004	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C2005	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2006	ECUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2007	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
C2008	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2009	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2010	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C2011	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2012	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C2013	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C2014	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2015	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C2016, 17	ECEA1EKN3R3	E. CAPACITOR 25V 3.3U	2	
C2018	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2019, 20	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C2021, 22	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	2	
C2023	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C2024, 25	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	2	
C2026	ECEA1HKNR22	E. CAPACITOR 50V 0.22U	1	
C2027	ECA1EM470	E. CAPACITOR 25V 47U	1	
C2028	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C2029	ECA1EM470	E. CAPACITOR 25V 47U	1	
C2030, 31	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	2	
C2032	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2033	ECA0JM221	E. CAPACITOR 6.3V 220U	1	
C2035	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
C2036	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2037	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2038-40	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	3	
C2041, 42	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	2	
C2043, 44	ECUM1C474ZFN	C. CAPACITOR CH 16V 0.47U	2	
C2045	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2046	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C2053	ECEA1HKAR47	E. CAPACITOR 50V 0.47U	1	
C3001	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3002	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C3003	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3007	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C3008	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C3009	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3010	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C3012	ECEA0JKA330	E. CAPACOTOR 6.3V 33U	1	
C3017, 18	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C3019	ECUM1H620JCN	C. CAPACITOR CH 50V 62P	1	
C3021	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3023	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3024	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3027	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C3028	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C3029	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3031	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3032	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3033	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3055	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3057	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C3061	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3062	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C3063	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4004	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4005	ECCD2H181J	C. CAPACITOR 500V 180P	1	
C4006	ECEA1CKA330	E. CAPACITOR 16V 33U	1	
C4007	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	1	
C4009	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4011	ECQP1362JZ	P. CAPACITOR 100V 3600P	1	[SUPPLIED FROM MBV]
C4015	ECUM1H391JCN	C. CAPACITOR CH 50V 390P	1	
C4017	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4018-20	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	3	
C4021	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	1	
C4022	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4023	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C4024	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	1	
C4025, 26	ECEA1CKA220	E. CAPACITOR 16V 22U	2	
C4027	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C4028	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4029	ECUM1H391JCN	C. CAPACITOR CH 50V 390P	1	
C4030	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4031	ECEA1AKA101	E. CAPACITOR 10V 100U	1	
C4032	ECUM1H822KBN	C. CAPACITOR CH 50V 8200P	1	
C4033, 34	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2	
C4038	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4039	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C4040	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4041	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C4042	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4044	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1	
C4501	ECUX1H681JCV	C. CAPACITOR CH 50V 680P	1	
C4502	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4503	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C4506	ECEA1CU100	E. CAPACITOR 16V 10U	1	
C4507	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4508	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4509	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4510	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C4511	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4512	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4513	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C4514	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C4515	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4521	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4522	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4530	ECEA0JU470	E. CAPACITOR 6.3V 47U	1	
C4533	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4537	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4538	ECEA1HUR47	E. CAPACITOR 50V 0.47U	1	
C4541	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4551	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4556	ECEA1CU100	E. CAPACITOR 16V 10U	1	
C4558	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4559	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4560	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C4561	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4562	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4565	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4568	ECFF1H104ZF	P. CAPACITOR 50V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4572	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4576	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4585, 86	ECEA0JU101	E. CAPACITOR 6.3V 100U	2	
C4587	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4591	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4592	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C4674	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4675	ECFF1H104ZF	P. CAPACITOR 50V 0.1U	1	
C4676	ECA1VM470	E. CAPACITOR 35V 47U	1	
C4677	ECEA1CU470	E. CAPACITOR 16V 47U	1	
C6001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6002	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
C6003	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C6004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C6005	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C6006	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6007	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C6008	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C6009	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C6010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6013, 14	ECUM1H271JCN	C. CAPACITOR CH 50V 270P	2	
C6015	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C6016	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6017	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C6018	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C7301, 02	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C7303	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7304	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7305	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C7306	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	1	
C7309-12	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	4	
C7313	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C7314	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7315	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7317	ECUX1H090DCV	C. CAPACITOR CH 50V 90P	1	
C7319	ECRHA020D54R	V. CAPACITOR 50K	1	
C7320	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7321	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7322	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7323, 24	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	2	
C7325, 26	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C7327	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7328	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7329, 30	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	2	
C7331	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7332, 33	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C7334	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7335	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7338	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7339	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7340	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7341	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7342	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7343	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7344	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7345	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7346	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7347	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7348	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7350	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7351	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7352	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7353	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7354	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7355	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7357	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7358	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C7359	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7365, 66	ECEA1HKA010	E. CAPACITOR 50V 1U	2	
C7369	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7370	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7371, 72	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C7374, 75	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	2	
C7601, 02	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7603	ECEA1CKA101	E. CAPACITOR 16V 100U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7604	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7605	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7606	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C7607	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7608	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C7609	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7610, 11	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7612	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7613	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C7614	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7615	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7616	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C7617	ECEA1AKS221	E. CAPACITOR 10V 220U	1	
C7701	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C7702	ECUM1H080DCN	C. CAPACITOR CH 50V 8P	1	
C7703	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
C7704, 05	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7706	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7707-10	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	4	
C7712	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7713	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7714	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7715	ECEA1CKN100	E. CAPACITOR 16V 10U	1	
C7716	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1	
C7718	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7719	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7720	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7721	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7722	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7723	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7724	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7727	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7729	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7731	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7732	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C7734	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7736	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7737	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7738, 39	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7742	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7743	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C7744	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7745	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
C7746, 47	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7748	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C7749	ECUM1H473ZFN	C. CAPACITOR CH 50V 0.047U	1	
C7750	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
D381	MA141K	DIODE	1	
D382	MA143	DIODE	1	
D383	MA141K	DIODE	1	
D1001	MA4051-L	DIODE	1	
D1002	11ES1	DIODE	1	
D1003	MA4120-M	DIODE	1	
D1004	MA4051-L	DIODE	1	
D1005	1SS355	DIODE	1	
D1007, 08	1SS355	DIODE	2	
D1009	1SS254	DIODE	1	
D2001	MA153	DIODE	1	
D2002	MA151K	DIODE	1	
D2003-05	1SS355	DIODE	3	
D2006, 07	MA700	DIODE	2	
D2008, 09	MA185	DIODE	2	
D3001, 02	1SS254	DIODE	2	
D3007	1SS254	DIODE	1	
D4003-05	1SS254	DIODE	3	
D4504	1SS254	DIODE	1	
D6001	LN59LT. VT	LED	1	
D6002	MA4075-L	DIODE	1	
D6003	MA151K	DIODE	1	
D6007, 08	1SS254	DIODE	2	
D7301	MA3082-L	DIODE	1	
D7302	MA151K	DIODE	1	
D7303	MA151WK	DIODE	1	
D7304	MA717	DIODE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D7306	MA151WK	DIODE	1	
D7308	MA723VT	DIODE	1	
D7601	MA4300M	DIODE	1	
D7702, 03	1SS355	DIODE	2	
D7704	MA700A	DIODE	1	
DL802	EFDBR124A53T	DELAY	1	
DL7701	ELB4Y026	FILTER	1	
FL7301, 02	VLF0633	FILTER	2	
IC301	MSM7403MS	IC	1	
IC302	TDA9715H/A	IC	1	
IC0701	LA7576	IC	1	
IC1001	HA17431PA	IC	1	
IC2001	BA6887-V3	IC	1	
IC2002	BA6871BS	IC	1	
IC4001	BA7795FS	IC	1	
IC4501	BH7778AK	IC	1	
IC4502	MC14052BF	IC	1	
IC6001	MN6755486H4N	IC	1	[SUPPLIED FROM MBV]
IC6002, 03	ON1387	IC	2	
IC7301	MSP3410-15	IC	1	
IC7302	PST7043	IC	1	
IC7303	M5238FP	IC	1	
IC7304	HA17431PA	IC	1	
IC7305	MN155402VZDB	IC	1	
IC7306	PST7043	IC	1	
IC7701	M27C512MB1A	IC	1	[SUPPLIED FROM MBV]
IC7702	74HCT573D	IC	1	
IC7703	NJM2535M	IC	1	[SUPPLIED FROM MBV]
IC7704	ST24W16FB6	IC	1	[SUPPLIED FROM MBV]
IC7705	TDA8501	IC	1	
IC7706	P83C528MAAG	IC	1	[SUPPLIED FROM MBV]
IC7707	D74HC164G	IC	1	
IC7708	SAA5281ZPM3	IC	1	
IC7709	D74HC161G	IC	1	
IC7710	UPC393G2	IC	1	
IC7711	PST7043	IC	1	
K301	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
K303	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K0702	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K0704, 05	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	
K801, 02	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	
K805-07	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	3	
K851	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K1001	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3001	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3005	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3014, 15	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	2	
K3020	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3039	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4002	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4004	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4009	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4503, 04	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	
K4641	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K4642	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4651	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1	
K6002	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K6006, 07	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	2	
K7304-07	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	4	
K7314	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K7317	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K7604	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7619	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7704	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7706	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7709	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
L301	ELESE330KA	COIL 33UH	1	
L302, 03	ELESE390KA	COIL 39UH	2	
L304	ELESE101KA	COIL 100UH	1	
L306	ELESE121KA	COIL 120UH	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L307	ELESE101KA	COIL 100UH	1	
L308	ELESE390JA	COIL 39UH	1	
L0701, 02	ELJNAR10MF	COIL	2	
L0705	VLQ0163J5R6	COIL 5.6UH	1	
L0706	VLQEL05S120K	COIL 12UH	1	
L802	ELESE101KA	COIL 100UH	1	
L803	ELESE270KA	COIL 27UH	1	
L805	ELESE150KA	COIL 15UH	1	
L808	ELESE6R8JA	COIL 6.8UH	1	
L809-11	ELESE101KA	COIL 100UH	3	
L812	VLP0125	COIL	1	
L2001	VLP0083	COIL	1	
L3001	VLQ0599J820	COIL 82UH	1	
L3002	VLQ0599J151	COIL 150UH	1	
L3003	VLQ0599J6R8	COIL 6.8UH	1	
L3004	VLQ0599J120	COIL 12UH	1	
L3006	VLQ0599J101	COIL 100UH	1	
L3008	VLQ0599J270	COIL 27UH	1	
L3009	VLQ0599J680	COIL 68UH	1	
L3012	VLQ0599J680	COIL 68UH	1	
L4002	ELESE471KA	COIL 470UH	1	
L4003	VLQ0599J680	COIL 68UH	1	
L4005, 06	VLP0150	COIL	2	
L4007	VLQ0123	COIL	1	
L6001	ELESE101KA	COIL 100UH	1	
L6002	VLP0083	COIL	1	
L6003, 04	VLQ0599J680	COIL 68UH	2	
L7301	ELEXH100JBV	COIL 10UH	1	
L7302	VLP0150	COIL	1	
L7601, 02	VLQ0599J1R0	COIL 1UH	2	
L7603-05	VLQ0599J680	COIL 68UH	3	
L7606	VLQ0599J2R2	COIL 2.2UH	1	
L7607, 08	VLQ0599J680	COIL 68UH	2	
L7701	VLQ0599J100	COIL 10UH	1	
L7702	VLQ0599J3R3	COIL 3.3UH	1	
L7703	VLQ0599J270	COIL 27UH	1	
L7704	VLQ0599J100	COIL 10UH	1	
L7705	VLQ0599J101	COIL 100UH	1	
L7707	VLQ0599J120	COIL 12UH	1	
P2001	VJS3640A002	CONNECTOR (FEMALE) 2P	1	
P2002	VJS3537A015G	CONNECTOR (FEMALE) 15P	1	
P2003	VJP3502	CONNECTOR (MALE)	1	
P2004	VJP1232T	CONNECTOR (MALE) 5P	1	
P3002	VJS3537A020G	CONNECTOR (FEMALE) 20P	1	
P4002	VJS3675E006G	CONNECTOR (FEMALE) 6P	1	
P4003	VJP1230T	CONNECTOR (MALE) 3P	1	
P6001	VJS3821	CONNECTOR (FEMALE) 4P	1	
PK0701	VJR0816E010W	CONNECTOR (MALE) 10P	1	
PK4501	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PK4502	VJR0777B013W	CONNECTOR (MALE) 13P	1	
PK4503	VJR0777B010W	CONNECTOR (MALE) 10P	1	
PK7301	VJR0777B009W	CONNECTOR (MALE) 9P	1	
PK7302	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
PP3002	VJP3042A013W	CONNECTOR (MALE) 13P	1	
PP3003	VJP3042A005W	CONNECTOR (MALE) 5P	1	
PP3004	VJP3042A007W	CONNECTOR (MALE) 7P	1	
PP3005	VJP3042A010W	CONNECTOR (MALE) 10P	1	
PS301	VJR0819	CONNECTOR (MALE)	1	
PS3001	VJS3673B005G	CONNECTOR (FEMALE) 5P	1	
PS3006	VJS3631A011A	CONNECTOR (FEMALE) 11P	1	
PS6002	VJS3673B025G	CONNECTOR (FEMALE) 25P	1	
Q301	2SC3930	TRANSISTOR	1	
Q360	2SD1819A	TRANSISTOR	1	
Q361	2SB1218A	TRANSISTOR	1	
Q362	2SB1218A-R	TRANSISTOR	1	
Q0701	MSD601-S	TRANSISTOR	1	
Q0702	MSB709-R	TRANSISTOR	1	
Q804	2SC3930	TRANSISTOR	1	
Q1001	2SD601A	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q1002-04	2SD1996-S	TRANSISTOR	3	
Q1005	2SD601A	TRANSISTOR	1	
Q1007	2SD2544OPQA	TRANSISTOR	1	
Q3001	MSC2295	TRANSISTOR	1	
Q3002	MSB709	TRANSISTOR	1	
Q3003, 04	MSD601	TRANSISTOR	2	
Q3005	MSC2295	TRANSISTOR	1	
Q3006	MSB709	TRANSISTOR	1	
Q3007	MSC2295	TRANSISTOR	1	
Q3010	MSB709-R	TRANSISTOR	1	
Q3023	MSC2295	TRANSISTOR	1	
Q4005	2SB1320A-R	TRANSISTOR	1	
Q4006	2SD602A-R	TRANSISTOR	1	
Q4007-09	MSD601-R	TRANSISTOR	3	
Q4501	2SD1468	TRANSISTOR	1	
Q4551	2SA1515	TRANSISTOR	1	
Q6001	MSB709	TRANSISTOR	1	
Q6002, 03	PN205LT-NGVT	PHOTO TRANSISTOR	2	
Q7301, 02	2SD1996	TRANSISTOR	2	
Q7304	2SC2404	TRANSISTOR	1	
Q7305	MSD601-S	TRANSISTOR	1	
Q7308-10	2SB709A	TRANSISTOR	3	
Q7311-13	MSD1328-S	TRANSISTOR	3	
Q7603	2SB710A	TRANSISTOR	1	
Q7703	MSB709	TRANSISTOR	1	
Q7704, 05	MSD601	TRANSISTOR	2	
Q7706	MSB709	TRANSISTOR	1	
QR360	UN511E	TRANSISTOR-RESISTOR	1	
QR361	UN5213	TRANSISTOR-RESISTOR	1	
QR806	UN5113	TRANSISTOR-RESISTOR	1	
QR807	UN5213	TRANSISTOR-RESISTOR	1	
QR1001, 02	MUN2113	TRANSISTOR-RESISTOR	2	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1	
QR3001	MUN2111	TRANSISTOR-RESISTOR	1	
QR3002, 03	DTC363EK	TRANSISTOR-RESISTOR	2	
QR3019	XN4213	TRANSISTOR-RESISTOR	1	
QR4001	MUN2212	TRANSISTOR-RESISTOR	1	
QR6001	XN1211	TRANSISTOR-RESISTOR	1	
QR6002	UN2114	TRANSISTOR-RESISTOR	1	
QR6004	XN1213	TRANSISTOR-RESISTOR	1	
QR7301	MUN2213	TRANSISTOR-RESISTOR	1	
QR7302	MUN2112	TRANSISTOR-RESISTOR	1	
QR7601, 02	MUN2213	TRANSISTOR-RESISTOR	2	
QR7701	UN2216	TRANSISTOR-RESISTOR	1	
QR7702	UN2215	TRANSISTOR-RESISTOR	1	
QR7703	MUN2113	TRANSISTOR-RESISTOR	1	
R305, 06	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R307	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R308, 09	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R310	ERJ6GEYK125	M. RESISTOR CH 1/10W 1.2M	1	
R311	ERJ3GEYJ224	M. RESISTOR CH 1/16W 220K	1	
R319	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R320	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R321	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R322	ERJ3GEYJ822	M. RESISTOR CH 1/16W 8.2K	1	
R325	ERJ3GEYJ332	M. RESISTOR CH 1/16W 3.3K	1	
R328	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R329	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R331, 32	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R333	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R334, 35	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	2	
R337	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R338	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R360	ERJ3GEYJ683	M. RESISTOR CH 1/16W 68K	1	
R361	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R362, 63	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	2	
R364, 65	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	2	
R367	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R369	ERJ3GEYJ390	M. RESISTOR CH 1/16W 39	1	
R370	ERJ3GEYJ124	M. RESISTOR CH 1/16W 120K	1	
R371	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R372	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R373	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R383	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R392	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R393	ERJ6GEYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R394	ERJ3GEYJ682	M. RESISTOR CH 1/16W 6.8K	1	
R0702	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R0704	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R0705	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R0706, 07	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	2	
R0708	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R0709	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M	1	
R0710	ERJ6GEYJ154	M. RESISTOR CH 1/10W 150K	1	
R0713	ERJ3GEYJ331	M. RESISTOR CH 1/16W 330	1	
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R0715	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R0716	VRE0040E151	M. RESISTOR CH 1/10W 150	1	
R0717	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
R0718	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0719	ERJ6GEYJ822	M. RESISTOR CH 1/10W 8.2K	1	
R0720	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0722	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R0728	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R0729	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0732	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R0783	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R801	ERJ3GEYJ181	M. RESISTOR CH 1/16W 180	1	
R802	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R804	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R805	ERJ3GEYJ163	M. RESISTOR CH 1/16W 16K	1	
R809	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R811	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R826	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1	
R827	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R835	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R836	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R837	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R838	ERJ6GEYJ271	M. RESISTOR CH 1/10W 270	1	
R839	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R840	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R841	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
R843	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R853	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R855	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R856	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R1001	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	
R1002	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R1003	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R1004	ERJ6GMYJ363	M. RESISTOR CH 1/10W 36K	1	
R1005	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R1006	ERDS2TJ122	C. RESISTOR 1/4W 1.2K	1	
R1007	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R1008	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	
R1009, 10	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	2	
R1011	ERDS1TJ272	C. RESISTOR 1/2W 2.7K	1	
R2001	ERJ6GMYG913	M. RESISTOR CH 1/10W 91K	1	
R2002-04	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	3	
R2005	ERX1SJ1R8	M. RESISTOR 1W 1.8	1	
R2006	ERJ6GMYG512	M. RESISTOR CH 1/10W 5.1K	1	
R2007	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2009, 10	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R2011	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R2012	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R2013	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R2014, 15	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2016	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2017, 18	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2019	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R2020	ERJ6GMYJ471	M. RESISTOR CH 1/10W 470	1	
R2021	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R2022	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2023	EROS2CKG8200	M. RESISTOR 1/4W 820	1	
R2024	EROS2CKG6800	M. RESISTOR 1/4W 680	1	
R2025	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R2026, 27	ERDS2TJ560	C. RESISTOR 1/4W 56	2	
R2028	ERDS1TJ561	C. RESISTOR 1/2W 560	1	
R2029	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2030	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R2031	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R2032	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R2033	ERJ6GMYJ684	M. RESISTOR CH 1/10W 680K	1	
R2034	ERJ6GMYG133	M. RESISTOR CH 1/10W 13K	1	
R2035	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R2036, 37	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	2	
R2038	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R2039, 40	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	2	
R2041, 42	ERJ6GMYJ392	M. RESISTOR CH 1/10W 3.9K	2	
R2043	ERDS2TJ560	C. RESISTOR 1/4W 56	1	
R2044	ERX12SJR47	M. RESISTOR 1/2W 0.47	1	
R2050	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R2051	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
R3001	ERJ6GMYJ561	M. RESISTOR CH 1/10W 560	1	
R3002	ERJ6GMYJ202	M. RESISTOR CH 1/10W 2K	1	
R3003	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3004	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R3005	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R3006	ERDS2TJ202	C. RESISTOR 1/4W 2K	1	
R3007	ERJ6GMYJ681	M. RESISTOR CH 1/10W 680	1	
R3008	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3009	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R3012	ERDS2T0	C. RESISTOR 1/4W 0	1	
R3015	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3017	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	
R3018	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3019, 20	ERJ6GMYJ561	M. RESISTOR CH 1/10W 560	2	
R3021	ERJ6GMYJ391	M. RESISTOR CH 1/10W 390	1	
R3022	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R3023, 24	ERJ6GMYJ821	M. RESISTOR CH 1/10W 820	2	
R3025	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R3026	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R3029	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3030	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R3032	ERJ6GMYJ334	M. RESISTOR CH 1/10W 330K	1	
R3033	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R3034	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R3037	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R3039	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R3065	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R3068, 69	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R3076, 77	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R3078	ERDS2T0	C. RESISTOR 1/4W 0	1	
R3079, 80	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R4003	ERJ6GMYJ100	M. RESISTOR CH 1/10W 10	1	
R4007	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R4008	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4011	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4012	ERJ6GMYJ123	M. RESISTOR CH 1/10W 12K	1	
R4013	ERJ6GMYJ163	M. RESISTOR CH 1/10W 16K	1	
R4014	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R4015	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	
R4016	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	1	
R4017	ERJ6GMYJ133	M. RESISTOR CH 1/10W 1.3K	1	
R4019	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R4020	ERJ6GMYJ123	M. RESISTOR CH 1/10W 12K	1	
R4021	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4022	ERJ6GMYG331	M. RESISTOR CH 1/10W 330	1	
R4023	ERJ6GMYG394	M. RESISTOR CH 1/10W 390K	1	
R4024	ERDS2TJ221	C. RESISTOR 1/4W 220	1	
R4025	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4026	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4027	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4028	ERJ6GMYG622	M. RESISTOR CH 1/10W 6.2K	1	
R4029	ERJ6GMYG133	M. RESISTOR CH 1/10W 13K	1	
R4030	ERJ6GMYG562	M. RESISTOR CH 1/10W 5.6K	1	
R4031	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R4032	ERJ6GMYJ471	M. RESISTOR CH 1/10W 470	1	
R4033	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R4034	ERJ6GMYJ203	M. RESISTOR CH 1/10W 20K	1	
R4035, 36	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R4037	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4038	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4039	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4041, 42	ERJ6GMYJ393	M. RESISTOR CH 1/10W 39K	2	
R4043	ERG2SJ821	M. RESISTOR 2W 820	1	
R4044	ERDS1TJ222	C. RESISTOR 1/2W 2.2K	1	
R4048	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R4049	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4050	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4051	ERJ6GMYJ682	M. RESISTOR CH 1/10W 6.8K	1	
R4054	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
R4055	ERJ6GMYJ153	M. RESISTOR CH 1/10W 15K	1	
R4056	ERJ6GMYJ393	M. RESISTOR CH 1/10W 39K	1	
R4057	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R4058	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R4059	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R4062, 63	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	2	
R4064	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R4065	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
R4067, 68	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R4069, 70	ERJ6GMYJ224	M. RESISTOR CH 1/10W 220K	2	
R4071	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
R4073	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R4503	VRE0071E203	M. RESISTOR CH 1/10W 20K	1	
R4504	ERJ3GEYG224	M. RESISTOR CH 1/16W 220K	1	
R4508	ERJ3GEYG224	M. RESISTOR CH 1/16W 220K	1	
R4512	VRE0071E113	M. RESISTOR CH 1/10W 11K	1	
R4513	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4517, 18	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	2	
R4519, 20	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R4522	ERJ3GEYK225	M. RESISTOR CH 1/16W 2.2M	1	
R4528	VRE0071E153	M. RESISTOR CH 1/10W 15K	1	
R4529	ERJ3GEYG562	M. RESISTOR CH 1/16W 5.6K	1	
R4530	ERJ3GEYJ334	M. RESISTOR CH 1/16W 330K	1	
R4534	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4542	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R4562	VRE0071E822	M. RESISTOR CH 1/10W 8.2K	1	
R4563	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R4584	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4585	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
R4586	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4601	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4603-05	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	3	
R4606	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R4607	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4608	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R4621	ERJ6GEYJ163	M. RESISTOR CH 1/10W 16K	1	
R4623	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R4624	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R4695	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R4697	ERJ6GEYJ562	M. RESISTOR CH 1/10W 5.6K	1	
R6001	ERJ6GMYJ201	M. RESISTOR CH 1/10W 200	1	
R6002	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R6003-05	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	3	
R6006, 07	ERJ6GMYG223	M. RESISTOR CH 1/10W 22K	2	
R6008	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R6009	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6010	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R6011	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6012, 13	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	2	
R6014	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R6015	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R6016	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	1	
R6017	ERDS2TJ103	C. RESISTOR 1/4W 10K	1	
R6019	ERDS2TJ473	C. RESISTOR 1/4W 47K	1	
R6020	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R6021-23	ERJ6GMYJ101	M. RESISTOR CH 1/10W 100	3	
R6024	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R6025	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R6026	ERJ6GMYJ473	M. RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6028	ERJ6GMYJ392	M. RESISTOR CH 1/10W 3.9K	1	
R6033	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R6034	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R6035, 36	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R6037, 38	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R6039	ERDS2TJ271	C. RESISTOR 1/4W 270	1	
R6040, 41	ERJ6GMYJ683	M. RESISTOR CH 1/10W 68K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6043	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R6044	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6046	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6048	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6049	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R6050	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6052	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6054	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6055	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6056-58	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R6059	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6060	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R6061	ERJ6GMYJ243	M.RESISTOR CH 1/10W 24K	1	
R6062	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R6064	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6065	ERJ6GMYJ334	M.RESISTOR CH 1/10W 330K	1	
R7301	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7302	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7303	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R7308	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R7309,10	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	2	
R7311	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7312	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7313,14	ERJ3GEYG272	M.RESISTOR CH 1/16W 2.7K	2	
R7315	ERJ3GEYJ114	M.RESISTOR CH 1/16W 110K	1	
R7316	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7317	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7320	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7321-23	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	3	
R7324	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7325	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7326	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7327-29	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	3	
R7330	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R7332	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7333	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7334-36	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	3	
R7337	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R7339	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7341-43	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	3	
R7346	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7350	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7351	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7352-56	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
R7357	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7362	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
R7366	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7367	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7368,69	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R7370	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7371	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7376,77	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R7378	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1,5K	1	
R7379	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R7381	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R7383	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R7601	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R7602,03	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	2	
R7604	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R7605-07	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R7609	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R7612	ERG2SJ331	M.RESISTOR 2W 330	1	
R7614	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7616	ERG2SJ331	M.RESISTOR 2W 330	1	
R7618	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7619	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7702	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7703,04	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R7705	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7707	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7708	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R7709	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R7711	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R7712,13	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7714-19	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	6	
R7720,21	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R7722	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7723	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7725	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7726	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R7727	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7729	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7730	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7731	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7732	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7733	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7734	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7735	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7736	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7737,38	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
R7739	ERJ6GMYJ112	M.RESISTOR CH 1/10W 1.1K	1	
R7740	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7741	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7742	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R7743	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7745	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	1	
R7747	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7748	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7750	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R7751	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R7753	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7754	ERJ6GMYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R7756	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R7757	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7758	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R7761	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R7764	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
RX7701	EXBF9E103J	COMBI.R-R 10K	1	
S6001	VESO709	SWITCH	1	
T0703	EQV5EC071A	TRANSFORMER	1	
T0704	EQV5EC072A	TRANSFORMER	1	
T4002	E1Q7QF014Q	TRANSFORMER	1	
⚠TU7601	ENG47232G	TUNER	1	
VR301	EVMEASA00B13	V.RESISTOR 1K	1	
VR302	EVMEASA00B14	V.RESISTOR 10K	1	
VR303,04	EVMEASA00B53	V.RESISTOR 5K	2	
VR305,06	EVMEASA00B14	V.RESISTOR 10K	2	
VR0701	EVNGBAA00B24	V.RESISTOR 20K	1	
VR2001	EVNGYAA03B54	V.RESISTOR 50K	1	
VR3001,02	EVNGYAA03B23	V.RESISTOR 20K	2	
VR3012,13	EVNGYAA03B52	V.RESISTOR 500	2	
VR3014	EVNGYAA03B54	V.RESISTOR 50K	1	
VR4001	EVNGYAA03B15	V.RESISTOR 100K	1	
VR4501	EVMEGSA00BS3	V.RESISTOR 6.8K	1	
VR4509	EVMEGSA00B53	V.RESISTOR 5K	1	
VR4550	EVMEGSA00B14	V.RESISTOR 10K	1	
X0701	VLF1178	FILTER	1	
X0703	EFCT5R5MW5	FILTER	1	
X0704	VLF1035	FILTER	1	
X801	VSX0162	CRYSTAL OSCILLATOR	1	
X6001	VSX0583	CRYSTAL OSCILLATOR	1	
X7302	VSX0683	CRYSTAL OSCILLATOR	1	
X7303	EFOGC4004A4	CRYSTAL OSCILLATOR	1	
X7702	VSX0353	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMD2328	REEL GUIDE	1	
	VMD2329	PHOTO TRANSISTOR HOLDER	2	
	VMD2330	LED HOLDER	1	
	VMP4471	TV DEMODULATOR ANGLE	1	FOR TV DEMODU. C.B.A.
	VSC3553	SHIELD COVER (MAIN)	1	FOR NICAM DECODER C.B.A.
	VSC3555	SHIELD COVER (BOTTOM)	1	FOR NICAM DECODER C.B.A.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
■	VEP06B36E	MAIN C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD605B
C301	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C302	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C303, 04	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C305, 06	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	2	
C308	ECUX1H680JCV	C. CAPACITOR CH 50V 68P	1	
C309	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C310	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C311	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1	
C312	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C313	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C314	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C315	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C316	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C317	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C318	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C319	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C320	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C321	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C322	ECUM1H333KBN	C. CAPACITOR CH 50V 0.033U	1	
C323	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C325	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C326	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C327	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C328	ECUM1H821JCN	C. CAPACITOR CH 50V 820P	1	
C329	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C330	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C331	ECUX1H560JCV	C. CAPACITOR CH 50V 56P	1	
C332	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C333	ECUX1H151JCV	C. CAPACITOR CH 50V 150P	1	
C334	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C336	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C337	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C338, 39	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C340	ECUX1E223ZFV	C. CAPACITOR CH 25V 0.022U	1	
C341	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C342	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C360	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C361	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	1	
C362	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C363	ECUX1H392KBV	C. CAPACITOR CH 50V 3900P	1	
C364	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C365	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C381	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C382, 83	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0701, 02	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0704	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0707, 08	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0709	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C0710	ECUX1H470JPV	C. CAPACITOR CH 50V 47P	1	
C0711	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0712	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0714	ECQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0715	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0716	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0717	ECUX1H270JPV	C. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKSR47	E. CAPACITOR 50V 0.47U	1	
C0719	ECUX1H060DCV	C. CAPACITOR CH 50V 6P	1	
C0720	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0726	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0730	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0732	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C801-04	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	4	
C806	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C808	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C813	ECUX1H181JCV	C. CAPACITOR CH 50V 180P	1	
C814	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C815	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C839	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C840	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C841	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C842	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C843	ECUX1E223ZFV	C. CAPACITOR CH 25V 0.022U	1	
C844	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C845	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C846	ECUX1H390JCV	C. CAPACITOR CH 50V 39P	1	
C847	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
C848	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C849	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C850	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C851	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C853	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C854	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C856	ECUX1H222KBV	C. CAPACITOR CH 50V 2200P	1	
C857	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C858	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C859	ECEA1HKAR33	E. CAPACITOR 50V 0.33U	1	
C860	ECUM1H333KBN	C. CAPACITOR CH 50V 0.033U	1	
C861	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C862	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C868, 69	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C893	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C1001	ECA1CM101	E. CAPACITOR 16V 100U	1	
C1002	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1003	ECA1CM470	E. CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C1006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1007	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1008	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1009	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C1010	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1011	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1012	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1013	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C2001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2002, 03	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C2004	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C2005	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2006	ECUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2007	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
C2008	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2009	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2010	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C2011	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2012	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C2013	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C2014	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2015	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C2016, 17	ECEA1EKN3R3	E. CAPACITOR 25V 3.3U	2	
C2018	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2019, 20	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C2021, 22	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	2	
C2023	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C2024, 25	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	2	
C2026	ECEA1HKNR22	E. CAPACITOR 50V 0.22U	1	
C2027	ECA1EM470	E. CAPACITOR 25V 47U	1	
C2028	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C2029	ECA1EM470	E. CAPACITOR 25V 47U	1	
C2030, 31	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	2	
C2032	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2033	ECA0JM221	E. CAPACITOR 6.3V 220U	1	
C2035	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
C2036	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2037	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2038-40	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	3	
C2041, 42	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	2	
C2043, 44	ECUM1C474ZFN	C. CAPACITOR CH 16V 0.47U	2	
C2045	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2046	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C2053	ECEA1HKAR47	E. CAPACITOR 50V 0.47U	1	
C3001	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3002	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C3003	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3007	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C3008	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C3009	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3010	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C3012	ECEA0JKA330	E. CAPACOTOR 6.3V 33U	1	
C3017, 18	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C3019	ECUM1H620JCN	C. CAPACITOR CH 50V 62P	1	
C3021	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3023	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3024	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3027	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C3028	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C3029	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3031	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3032	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3033	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3055	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3057	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C3061	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3062	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C3063	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4004	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4005	ECCD2H181J	C. CAPACITOR 500V 180P	1	
C4006	ECEA1CKA330	E. CAPACITOR 16V 33U	1	
C4007	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	1	
C4009	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4011	ECQP1362JZ	P. CAPACITOR 100V 3600P	1	[SUPPLIED FROM MBV]
C4015	ECUM1H391JCN	C. CAPACITOR CH 50V 390P	1	
C4017	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4018-20	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	3	
C4021	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	1	
C4022	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4023	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C4024	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	1	
C4025, 26	ECEA1CKA220	E. CAPACITOR 16V 22U	2	
C4027	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C4028	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4029	ECUM1H391JCN	C. CAPACITOR CH 50V 390P	1	
C4030	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4031	ECEA1AKA101	E. CAPACITOR 10V 100U	1	
C4032	ECUM1H822KBN	C. CAPACITOR CH 50V 8200P	1	
C4033, 34	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2	
C4038	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4039	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C4040	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4041	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C4042	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4044	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1	
C4501	ECUX1H681JCV	C. CAPACITOR CH 50V 680P	1	
C4502	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4503	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C4506	ECEA1CU100	E. CAPACITOR 16V 10U	1	
C4507	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4508	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4509	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4510	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C4511	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4512	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4513	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C4514	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C4515	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4521	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4522	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4530	ECEA0JU470	E. CAPACITOR 6.3V 47U	1	
C4533	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4537	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4538	ECEA1HUR47	E. CAPACITOR 50V 0.47U	1	
C4541	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4551	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4556	ECEA1CU100	E. CAPACITOR 16V 10U	1	
C4558	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4559	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4560	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4561	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4562	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4565	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4568	ECFF1H104ZF	P. CAPACITOR 50V 0.1U	1	
C4572	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4576	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4585, 86	ECEA0JU101	E. CAPACITOR 6.3V 100U	2	
C4587	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4591	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4592	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C4674	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4675	ECFF1H104ZF	P. CAPACITOR 50V 0.1U	1	
C4676	ECA1VM470	E. CAPACITOR 35V 47U	1	
C4677	ECEA1CU470	E. CAPACITOR 16V 47U	1	
C6001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6002	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
C6003	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C6004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C6005	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C6006	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6007	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C6008	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C6009	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C6010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6013, 14	ECUM1H271JCN	C. CAPACITOR CH 50V 270P	2	
C6015	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C6016	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6017	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C6018	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C7301, 02	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C7303	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7304	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7305	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C7306	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	1	
C7309-12	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	4	
C7313	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C7314	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7315	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7317	ECUX1H090DCV	C. CAPACITOR CH 50V 90P	1	
C7319	ECRHA020D54R	V. CAPACITOR 50K	1	
C7320	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7321	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7322	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7323, 24	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	2	
C7325, 26	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C7327	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7328	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7329, 30	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	2	
C7331	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7332, 33	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C7334	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7335	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7338	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7339	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7340	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7341	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7342	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7343	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7344	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7345	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7346	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7347	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7348	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7350	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7351	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7352	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7353	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7354	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7355	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7357	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7358	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C7359	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7365	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7369	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7370	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7371, 72	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C7374, 75	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	2	
C7601, 02	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7603	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C7604	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7605	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7606	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C7607	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7608	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C7609	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7610, 11	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7612	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7613	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C7614	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7615	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7616	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C7617	ECEA1AKS221	E. CAPACITOR 10V 220U	1	
C7701	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C7702	ECUM1H080DCN	C. CAPACITOR CH 50V 8P	1	
C7706	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7708-10	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	3	
C7712	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7713	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7714	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7715	ECEA1CKN100	E. CAPACITOR 16V 10U	1	
C7716	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1	
C7718	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7719	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7721	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7723	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7724	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7726	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7729	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7730	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
C7731	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7732	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C7734	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7736	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7737	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7738, 39	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7742	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7743	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C7747	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
D381	MA141K	DIODE	1	
D382	MA143	DIODE	1	
D383	MA141K	DIODE	1	
D1001	MA4051-L	DIODE	1	
D1002	11ES1	DIODE	1	
D1003	MA4120-M	DIODE	1	
D1004	MA4051-L	DIODE	1	
D1005	1SS355	DIODE	1	
D1007, 08	1SS355	DIODE	2	
D1009	1SS254	DIODE	1	
D2001	MA153	DIODE	1	
D2002	MA151K	DIODE	1	
D2003-05	1SS355	DIODE	3	
D2006, 07	MA700	DIODE	2	
D2008, 09	MA185	DIODE	2	
D3001, 02	1SS254	DIODE	2	
D3007	1SS254	DIODE	1	
D4003-05	1SS254	DIODE	3	
D4504	1SS254	DIODE	1	
D6001	LN59LT. VT	LED	1	
D6002	MA4075-L	DIODE	1	
D6003	MA151K	DIODE	1	
D6007, 08	1SS254	DIODE	2	
D7301	MA3082-L	DIODE	1	
D7302	MA151K	DIODE	1	
D7303	MA151WK	DIODE	1	
D7304	MA717	DIODE	1	
D7306	MA151WK	DIODE	1	
D7601	MA4300M	DIODE	1	
D7702	1SS355	DIODE	1	
D7704	MA700A	DIODE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
DL802	EFDBR124A53T	DELAY	1	
FL7301, 02	VLF0633	FILTER	2	
IC301	MSM7403MS	IC	1	
IC302	TDA9715H/A	IC	1	
IC0701	LA7576	IC	1	
IC1001	HA17431PA	IC	1	
IC2001	BA6887-V3	IC	1	
IC2002	BA6871BS	IC	1	
IC4001	BA7795FS	IC	1	
IC4501	BH7778AK	IC	1	
IC4502	MC14052BF	IC	1	
IC6001	MN6755486H4N	IC	1	[SUPPLIED FROM MBV]
IC6002, 03	ON1387	IC	2	
IC7301	MSP3410-15	IC	1	
IC7302	PST7043	IC	1	
IC7303	M5238FP	IC	1	
IC7304	HA17431PA	IC	1	
IC7305	MN155402VZDB	IC	1	
IC7306	PST7043	IC	1	
IC7701	M27C512MB1A	IC	1	[SUPPLIED FROM MBV]
IC7702	74HCT573D	IC	1	
IC7703	NJM2535M	IC	1	[SUPPLIED FROM MBV]
IC7704	ST24W16FB6	IC	1	[SUPPLIED FROM MBV]
IC7706	P83C528MAAC	IC	1	[SUPPLIED FROM MBV]
IC7707	D74HC164G	IC	1	
IC7708	SAA5281ZPM3	IC	1	
IC7709	D74HC161G	IC	1	
IC7710	UPC393G2	IC	1	
IC7711	PST7043	IC	1	
K301	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
K303	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K0702	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K0704, 05	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	
K801, 02	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	
K805-07	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	3	
K851	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K1001	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K3001	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K3005	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K3014, 15	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
K3020	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K3039	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K4002	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K4004	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K4009	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K4503, 04	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	
K4641	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K4642	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K4651	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1	
K6003	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K6006, 07	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	2	
K7305-07	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	3	
K7314	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K7317	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K7604	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7619	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7704	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7706	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
K7709	ERJ6GMZOR00	M. RESISTOR CH 1/10W 0	1	
L301	ELESE330KA	COIL 33UH	1	
L302, 03	ELESE390KA	COIL 39UH	2	
L304	ELESE101KA	COIL 100UH	1	
L306	ELESE121KA	COIL 120UH	1	
L307	ELESE101KA	COIL 100UH	1	
L308	ELESE390JA	COIL 39UH	1	
L0701	VLQ0163JR22	COIL 0.22UH	1	
L0705	VLQ0163J2R7	COIL 2.7UH	1	
L0706	VLQEL05S8R2K	COIL 8.2UH	1	
L802	ELESE101KA	COIL 100UH	1	
L803	ELESE270KA	COIL 27UH	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L805	ELESE150KA	COIL 15UH	1	
L808	ELESE6R8JA	COIL 6.8UH	1	
L809-11	ELESE101KA	COIL 100UH	3	
L812	VLP0125	COIL	1	
L2001	VLP0083	COIL	1	
L3001	VLQ0599J820	COIL 82UH	1	
L3002	VLQ0599J151	COIL 150UH	1	
L3003	VLQ0599J6R8	COIL 6.8UH	1	
L3004	VLQ0599J120	COIL 12UH	1	
L3006	VLQ0599J101	COIL 100UH	1	
L3008	VLQ0599J270	COIL 27UH	1	
L3009	VLQ0599J680	COIL 68UH	1	
L3012	VLQ0599J680	COIL 68UH	1	
L4002	ELESE471KA	COIL 470UH	1	
L4003	VLQ0599J680	COIL 68UH	1	
L4005, 06	VLP0150	COIL	2	
L4007	VLQ0123	COIL	1	
L6001	ELESE101KA	COIL 100UH	1	
L6002	VLP0083	COIL	1	
L6003, 04	VLQ0599J680	COIL 68UH	2	
L7301	ELEXH100JBV	COIL 10UH	1	
L7302	VLP0150	COIL	1	
L7601, 02	VLQ0599J1R0	COIL 1UH	2	
L7603-05	VLQ0599J680	COIL 68UH	3	
L7606	VLQ0599J2R2	COIL 2.2UH	1	
L7607, 08	VLQ0599J680	COIL 68UH	2	
L7702	VLQ0599J3R3	COIL 3.3UH	1	
L7704	VLQ0599J100	COIL 10UH	1	
L7705	VLQ0599J101	COIL 100UH	1	
L7707	VLQ0599J120	COIL 12UH	1	
P2001	VJS3640A002	CONNECTOR (FEMALE) 2P	1	
P2002	VJS3537A015G	CONNECTOR (FEMALE) 15P	1	
P2003	VJP3502	CONNECTOR (MALE)	1	
P2004	VJP1232T	CONNECTOR (MALE) 5P	1	
P3002	VJS3537A020G	CONNECTOR (FEMALE) 20P	1	
P4002	VJS3675E006G	CONNECTOR (FEMALE) 6P	1	
P4003	VJP1230T	CONNECTOR (MALE) 3P	1	
P6001	VJS3821	CONNECTOR (FEMALE) 4P	1	
PK0701	VJR0816E010W	CONNECTOR (MALE) 10P	1	
PK4501	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PK4502	VJR0777B013W	CONNECTOR (MALE) 13P	1	
PK4503	VJR0777B010W	CONNECTOR (MALE) 10P	1	
PK7301	VJR0777B009W	CONNECTOR (MALE) 9P	1	
PK7302	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
PP3002	VJP3042A013W	CONNECTOR (MALE) 13P	1	
PP3003	VJP3042A005W	CONNECTOR (MALE) 5P	1	
PP3004	VJP3042A007W	CONNECTOR (MALE) 7P	1	
PP3005	VJP3042A010W	CONNECTOR (MALE) 10P	1	
PS301	VJR0819	CONNECTOR (MALE)	1	
PS3001	VJS3673B005G	CONNECTOR (FEMALE) 5P	1	
PS3006	VJS3631A011A	CONNECTOR (FEMALE) 11P	1	
PS6002	VJS3673B025G	CONNECTOR (FEMALE) 25P	1	
Q301	2SC3930	TRANSISTOR	1	
Q360	2SD1819A	TRANSISTOR	1	
Q361	2SB1218A	TRANSISTOR	1	
Q362	2SB1218A-R	TRANSISTOR	1	
Q0701	MSD601-S	TRANSISTOR	1	
Q0702	MSB709-R	TRANSISTOR	1	
Q804	2SC3930	TRANSISTOR	1	
Q1001	2SD601A	TRANSISTOR	1	
Q1002-04	2SD1996-S	TRANSISTOR	3	
Q1005	2SD601A	TRANSISTOR	1	
Q1007	2SD2544OPQA	TRANSISTOR	1	
Q3001	MSC2295	TRANSISTOR	1	
Q3002	MSB709	TRANSISTOR	1	
Q3003, 04	MSD601	TRANSISTOR	2	
Q3005	MSC2295	TRANSISTOR	1	
Q3006	MSB709	TRANSISTOR	1	
Q3007	MSC2295	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q3010	MSB709-R	TRANSISTOR	1	
Q3023	MSC2295	TRANSISTOR	1	
Q4005	2SB1320A-R	TRANSISTOR	1	
Q4006	2SD602A-R	TRANSISTOR	1	
Q4007-09	MSD601-R	TRANSISTOR	3	
Q4501	2SD1468	TRANSISTOR	1	
Q4551	2SA1515	TRANSISTOR	1	
Q6001	MSB709	TRANSISTOR	1	
Q6002, 03	PN205LT-NCVT	PHOTO TRANSISTOR	2	
Q7301, 02	2SD1996	TRANSISTOR	2	
Q7304	2SC2404	TRANSISTOR	1	
Q7305	MSD601-S	TRANSISTOR	1	
Q7308	2SB709A	TRANSISTOR	1	
Q7310	2SB709A	TRANSISTOR	1	
Q7311-13	MSD1328-S	TRANSISTOR	3	
Q7603	2SB710A	TRANSISTOR	1	
Q7701-03	MSB709	TRANSISTOR	3	
Q7705	MSD601	TRANSISTOR	1	
Q7706	MSB709	TRANSISTOR	1	
QR360	UN511E	TRANSISTOR-RESISTOR	1	
QR361	UN5213	TRANSISTOR-RESISTOR	1	
QR806	UN5113	TRANSISTOR-RESISTOR	1	
QR807	UN5213	TRANSISTOR-RESISTOR	1	
QR1001, 02	MUN2113	TRANSISTOR-RESISTOR	2	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1	
QR3001	MUN2111	TRANSISTOR-RESISTOR	1	
QR3002, 03	DTC363EK	TRANSISTOR-RESISTOR	2	
QR3019	XN4213	TRANSISTOR-RESISTOR	1	
QR4001	MUN2212	TRANSISTOR-RESISTOR	1	
QR6001	XN1211	TRANSISTOR-RESISTOR	1	
QR6002	UN2114	TRANSISTOR-RESISTOR	1	
QR6004	XN1213	TRANSISTOR-RESISTOR	1	
QR7301	MUN2213	TRANSISTOR-RESISTOR	1	
QR7302	MUN2112	TRANSISTOR-RESISTOR	1	
QR7601, 02	MUN2213	TRANSISTOR-RESISTOR	2	
QR7701	UN2216	TRANSISTOR-RESISTOR	1	
QR7702	UN2215	TRANSISTOR-RESISTOR	1	
R305, 06	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R307	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R308, 09	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R310	ERJ6GEYK125	M.RESISTOR CH 1/10W 1.2M	1	
R311	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
R319	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R320	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R321	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R322	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R325	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R328	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R329	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R331, 32	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R333	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R334, 35	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	2	
R337	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R338	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R360	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R361	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R362, 63	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	2	
R364, 65	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	2	
R367	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R369	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R370	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R371	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R372	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R373	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R383	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R392	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R393	ERJ6GEYJ225	M.RESISTOR CH 1/10W 2.2M	1	
R394	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
R0702	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R0704	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R0705	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R0706, 07	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R0708	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R0709	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R0710	ERJ6GEYJ154	M.RESISTOR CH 1/10W 150K	1	
R0713	ERJ3GEYJ301	M.RESISTOR CH 1/16W 300	1	
R0714	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R0715	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R0716	VRE0040E151	M.RESISTOR CH 1/10W 150	1	
R0717	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R0718	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R0719	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R0720	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R0722	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R0728	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R0729	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R0732	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R0783	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R801	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R802	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R804	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R805	ERJ3GEYJ163	M.RESISTOR CH 1/16W 16K	1	
R809	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R811	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R826	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R827	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R835	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R836	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R837	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R838	ERJ6GEYJ271	M.RESISTOR CH 1/10W 270	1	
R839	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R840	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R841	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R843	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R853	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R855	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R856	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R1001	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R1002	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R1003	ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R1004	ERJ6GMYJ363	M.RESISTOR CH 1/10W 36K	1	
R1005	ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R1006	ERDS2TJ122	C.RESISTOR 1/4W 1.2K	1	
R1007	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R1008	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R1009, 10	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	2	
R1011	ERDS1TJ272	C.RESISTOR 1/2W 2.7K	1	
R2001	ERJ6GMYG913	M.RESISTOR CH 1/10W 91K	1	
R2002-04	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R2005	ERX1SJ1R8	M.RESISTOR 1W 1.8	1	
R2006	ERJ6GMYG512	M.RESISTOR CH 1/10W 5.1K	1	
R2007	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2009, 10	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R2011	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2012	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R2013	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R2014, 15	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2016	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2017, 18	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R2019	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2020	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R2021	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R2022	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2023	ERQS2CKG8200	M.RESISTOR 1/4W 820	1	
R2024	ERQS2CKG6800	M.RESISTOR 1/4W 680	1	
R2025	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2026, 27	ERDS2TJ560	C.RESISTOR 1/4W 56	2	
R2028	ERDS1TJ561	C.RESISTOR 1/2W 560	1	
R2029	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R2030	ERJ6GMYG432	M.RESISTOR CH 1/10W 4.3K	1	
R2031	ERJ6GMYG473	M.RESISTOR CH 1/10W 47K	1	
R2032	ERJ6GMYG103	M.RESISTOR CH 1/10W 10K	1	
R2033	ERJ6GMYJ684	M.RESISTOR CH 1/10W 680K	1	
R2034	ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R2035	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R2036, 37	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R2038	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R2039, 40	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2041, 42	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	2	
R2043	ERDS2TJ560	C.RESISTOR 1/4W 56	1	
R2044	ERX12SJR47	M.RESISTOR 1/2W 0.47	1	
R2050	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R2051	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R3001	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R3002	ERJ6GMYJ202	M.RESISTOR CH 1/10W 2K	1	
R3003	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3004	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R3005	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R3006	ERDS2TJ202	C.RESISTOR 1/4W 2K	1	
R3007	ERJ6GMYJ681	M.RESISTOR CH 1/10W 680	1	
R3008	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3009	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3012	ERDS2T0	C.RESISTOR 1/4W 0	1	
R3015	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3017	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R3018	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3019, 20	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	2	
R3021	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R3022	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3023, 24	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	2	
R3025	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3026	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3029	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3030	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3032	ERJ6GMYJ334	M.RESISTOR CH 1/10W 330K	1	
R3033	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3034	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3037	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R3039	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3065	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3068, 69	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R3076, 77	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R3078	ERDS2T0	C.RESISTOR 1/4W 0	1	
R3079, 80	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R4003	ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R4007	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4008	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4011	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4012	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4013	ERJ6GMYJ163	M.RESISTOR CH 1/10W 16K	1	
R4014	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4015	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R4016	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4017	ERJ6GMYJ133	M.RESISTOR CH 1/10W 1.3K	1	
R4019	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R4020	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4021	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4022	ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R4023	ERJ6GMYG394	M.RESISTOR CH 1/10W 390K	1	
R4024	ERDS2TJ221	C.RESISTOR 1/4W 220	1	
R4025	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4026	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4027	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4028	ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R4029	ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R4030	ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4031	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4032	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4033	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4034	ERJ6GMYJ203	M.RESISTOR CH 1/10W 20K	1	
R4035, 36	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R4037	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4038	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4039	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4041, 42	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	2	
R4043	ERG2SJ821	M.RESISTOR 2W 820	1	
R4044	ERDS1TJ222	C.RESISTOR 1/2W 2.2K	1	
R4048	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4049	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4050	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4051	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4054	ERJ6GMZ0R00	M.RESISTOR CH 1/10W 0	1	
R4055	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4056	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R4057	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4058	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4059	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4062,63	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R4064	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4065	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R4067,68	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R4069,70	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	2	
R4071	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R4073	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4503	VRE0071E203	M.RESISTOR CH 1/10W 20K	1	
R4504	ERJ3GEYG224	M.RESISTOR CH 1/16W 220K	1	
R4508	ERJ3GEYG224	M.RESISTOR CH 1/16W 220K	1	
R4512	VRE0071E113	M.RESISTOR CH 1/10W 11K	1	
R4513	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4517,18	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
R4519,20	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R4522	ERJ3GEYK225	M.RESISTOR CH 1/16W 2.2M	1	
R4528	VRE0071E153	M.RESISTOR CH 1/10W 15K	1	
R4529	ERJ3GEYG562	M.RESISTOR CH 1/16W 5.6K	1	
R4530	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R4534	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4542	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R4562	VRE0071E822	M.RESISTOR CH 1/10W 8.2K	1	
R4563	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R4584	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4585	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R4586	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4601	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4603-05	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R4606	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4607	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4608	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R4621	ERJ6GEYJ163	M.RESISTOR CH 1/10W 16K	1	
R4623	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R4624	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4695	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4697	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6001	ERJ6GMYJ201	M.RESISTOR CH 1/10W 200	1	
R6002	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6003-05	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	3	
R6006,07	ERJ6GMYG223	M.RESISTOR CH 1/10W 22K	2	
R6008	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6009	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6010	ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R6011	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6012,13	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R6014	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6015	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6016	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6017	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R6018	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6019	ERDS2TJ473	C.RESISTOR 1/4W 47K	1	
R6020	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6021-23	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	3	
R6024	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6025	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6026	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6028	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R6033	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6034	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6035,36	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
R6037,38	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R6039	ERDS2TJ271	C.RESISTOR 1/4W 270	1	
R6040,41	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	2	
R6043	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R6044	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6046	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6048	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6049	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R6050	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6052	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6054	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6055	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6056-58	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R6059	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6060	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R6061	ERJ6GMYJ243	M.RESISTOR CH 1/10W 24K	1	
R6062	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R6064	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6065	ERJ6GMYJ334	M.RESISTOR CH 1/10W 330K	1	
R7301	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7302	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7303	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R7308	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R7309,10	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	2	
R7311	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7312	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7313,14	ERJ3GEYG272	M.RESISTOR CH 1/16W 2.7K	2	
R7315	ERJ3GEYJ114	M.RESISTOR CH 1/16W 110K	1	
R7316	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7317	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7320	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7321-23	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	3	
R7324	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7325	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7326	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7327-29	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	3	
R7330	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R7332	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7333	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7334-36	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	3	
R7337	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R7339	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7341-43	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	3	
R7344	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7345,46	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R7350	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7351	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7352-56	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
R7357	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7362	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
R7366	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7367	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7368	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7370	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7376,77	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R7378	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R7379	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R7381	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R7383	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R7601	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R7602,03	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	2	
R7604	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R7605-07	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R7609	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R7612	ERG2SJ331	M.RESISTOR 2W 330	1	
R7614	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7616	ERG2SJ331	M.RESISTOR 2W 330	1	
R7618	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7619	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7702	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7703,04	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R7705	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7706	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R7707	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7708	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7709,10	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R7711	ERJ6GMYJ511	M.RESISTOR CH 1/10W 510	1	
R7712	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R7713	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7714-19	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	6	
R7720,21	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R7723	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7725	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7729	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7730	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7731	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R7732	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R7733	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R7734	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7735	ERJ6GMYJ104	M. RESISTOR CH 1/10W 100K	1	
R7736	ERJ6GMYJ152	M. RESISTOR CH 1/10W 1.5K	1	
R7737, 38	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	2	
R7739	ERJ6GMYJ112	M. RESISTOR CH 1/10W 1.1K	1	
R7740	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7746	ERJ6GMYJ393	M. RESISTOR CH 1/10W 39K	1	
R7747	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	1	
R7750	ERJ6GMYJ331	M. RESISTOR CH 1/10W 330	1	
R7751, 52	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	2	
R7754	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R7755	ERJ6GMYJ202	M. RESISTOR CH 1/10W 2K	1	
R7758	ERJ6GMYJ273	M. RESISTOR CH 1/10W 27K	1	
R7759	ERJ6GMYJ362	M. RESISTOR CH 1/10W 3.6K	1	
R7760	ERJ6GMYJ752	M. RESISTOR CH 1/10W 7.5K	1	
R7761	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R7762	ERJ6GMYJ202	M. RESISTOR CH 1/10W 2K	1	
R7763	ERJ6GMYJ302	M. RESISTOR CH 1/10W 3K	1	
R7764	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
RX7701	EXBF9E103J	COMBI. R-R 10K	1	
S6001	VESO709	SWITCH	1	
T0703	EQV5EG071A	TRANSFORMER	1	
T0704	EQV5EG072A	TRANSFORMER	1	
T4002	EIQ7QF014Q	TRANSFORMER	1	
⚠TU7601	ENG47211GR	TUNER	1	
VR301	EVMEASA00B13	V. RESISTOR 1K	1	
VR302	EVMEASA00B14	V. RESISTOR 10K	1	
VR303, 04	EVMEASA00B53	V. RESISTOR 5K	2	
VR305, 06	EVMEASA00B14	V. RESISTOR 10K	2	
VR0701	EVNCBAA00B24	V. RESISTOR 20K	1	
VR2001	EVNCYAA03B54	V. RESISTOR 50K	1	
VR3001, 02	EVNCYAA03B23	V. RESISTOR 20K	2	
VR3012, 13	EVNCYAA03B52	V. RESISTOR 500	2	
VR3014	EVNCYAA03B54	V. RESISTOR 50K	1	
VR4001	EVNCYAA03B15	V. RESISTOR 100K	1	
VR4501	EVMECSA00BS3	V. RESISTOR 6.8K	1	
VR4509	EVMECSA00B53	V. RESISTOR 5K	1	
VR4550	EVMECSA00B14	V. RESISTOR 10K	1	
X0701	VLF1180	FILTER	1	
X0703	EFCS6M65MW3B	FILTER	1	
X0704	VLF1313	FILTER	1	
X801	VSX0162	CRYSTAL OSCILLATOR	1	
X6001	VSX0583	CRYSTAL OSCILLATOR	1	
X7302	VSX0683	CRYSTAL OSCILLATOR	1	
X7303	EFOGG4004A4	CRYSTAL OSCILLATOR	1	
X7702	VSX0353	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMD2328	REEL GUIDE	1	
	VMD2329	PHOTO TRANSISTOR HOLDER	2	
	VMD2330	LED HOLDER	1	
	VMP4471	TV DEMODULATOR ANGLE	1	FOR TV DEMODU. C.B.A.
	VSC3553	SHIELD COVER (MAIN)	1	FOR NICAM DECODER C.B.A.
	VSC3555	SHIELD COVER (BOTTOM)	1	FOR NICAM DECODER C.B.A.
■	VEPO6B36F	MAIN C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD605BL
C301	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C302	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C303, 04	ECUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C305, 06	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	2	
C308	ECUX1H680JCV	C. CAPACITOR CH 50V 68P	1	
C309	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C310	ECEA1CKA100	E. CAPACITOR 16V 10U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C311	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1	
C312	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C313	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C314	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C315	ECUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C316	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C317	ECEA1EKN4R7	E. CAPACITOR 25V 4.7U	1	
C318	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C319	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C320	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C321	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C322	ECUM1H333KBN	C. CAPACITOR CH 50V 0.033U	1	
C323	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C325	ECUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C326	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C327	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C328	ECUM1H821JCN	C. CAPACITOR CH 50V 820P	1	
C329	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C330	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C331	ECUX1H560JCV	C. CAPACITOR CH 50V 56P	1	
C332	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C333	ECUX1H151JCV	C. CAPACITOR CH 50V 150P	1	
C334	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C336	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C337	ECUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C338, 39	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C340	ECUX1E223ZFV	C. CAPACITOR CH 25V 0.022U	1	
C341	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C342	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C360	ECUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C361	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	1	
C362	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C363	ECUX1H392KBV	C. CAPACITOR CH 50V 3900P	1	
C364	ECUX1H121JCV	C. CAPACITOR CH 50V 120P	1	
C365	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C381	ECUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C382, 83	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0701, 02	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0704	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C0706	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0707, 08	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C0709	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C0710	ECUX1H470JPV	C. CAPACITOR CH 50V 47P	1	
C0711	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0712	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0714	ECQB1H473JF	P. CAPACITOR 50V 0.047U	1	
C0715	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C0716	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C0717	ECUX1H270JPV	C. CAPACITOR CH 50V 27P	1	
C0718	ECEA1HKSR47	E. CAPACITOR 50V 0.47U	1	
C0720	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0723	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	1	
C0726	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0730	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C0732	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C801-04	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	4	
C806	ECUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C808	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C813	ECUX1H181JCV	C. CAPACITOR CH 50V 180P	1	
C814	ECUX1H270JCV	C. CAPACITOR CH 50V 27P	1	
C815	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C839	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C840	ECUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C841	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C842	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C843	ECUX1E223ZFV	C. CAPACITOR CH 25V 0.022U	1	
C844	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C845	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C846	ECUX1H390JCV	C. CAPACITOR CH 50V 39P	1	
C847	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
C848	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C849	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C850	ECUX1G104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C851	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C853	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C854	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C856	ECUX1H222KBV	C. CAPACITOR CH 50V 2200P	1	
C857	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C858	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C859	ECEA1HKAR33	E. CAPACITOR 50V 0.33U	1	
C860	ECUM1H333KBN	C. CAPACITOR CH 50V 0.033U	1	
C861	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C862	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C868, 69	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C893	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C1001	ECA1CM101	E. CAPACITOR 16V 100U	1	
C1002	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1003	ECA1CM470	E. CAPACITOR 16V 47U	1	
C1004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1005	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C1006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1007	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1008	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1009	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C1010	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1011	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C1012	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C1013	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C2001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2002, 03	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C2004	ECUM1H223KBN	C. CAPACITOR CH 50V 0.022U	1	
C2005	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2006	ECUM1H392KBN	C. CAPACITOR CH 50V 3900P	1	
C2007	ECUM1H472KBN	C. CAPACITOR CH 50V 4700P	1	
C2008	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2009	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2010	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C2011	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C2012	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C2013	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C2014	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2015	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C2016, 17	ECEA1EKN3R3	E. CAPACITOR 25V 3.3U	2	
C2018	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C2019, 20	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	2	
C2021, 22	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	2	
C2023	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C2024, 25	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	2	
C2026	ECEA1HKNR22	E. CAPACITOR 50V 0.22U	1	
C2027	ECA1EM470	E. CAPACITOR 25V 47U	1	
C2028	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C2029	ECA1EM470	E. CAPACITOR 25V 47U	1	
C2030, 31	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	2	
C2032	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2033	ECA0JM221	E. CAPACITOR 6.3V 220U	1	
C2035	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	1	
C2036	ECQV1H683JM	P. CAPACITOR 50V 0.068U	1	
C2037	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C2038-40	ECUM1E333KBN	C. CAPACITOR CH 25V 0.033U	3	
C2041, 42	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	2	
C2043, 44	ECUM1C474ZFN	C. CAPACITOR CH 16V 0.47U	2	
C2045	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C2046	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C2053	ECEA1HKAR47	E. CAPACITOR 50V 0.47U	1	
C3001	ECUM1H680JCN	C. CAPACITOR CH 50V 68P	1	
C3002	ECUM1H181JCN	C. CAPACITOR CH 50V 180P	1	
C3003	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3006	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3007	ECEA0JKA221	E. CAPACITOR 6.3V 220U	1	
C3008	ECUM1H102KBN	C. CAPACITOR CH 50V 1000P	1	
C3009	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3010	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C3012	ECEA0JKA330	E. CAPACOTOR 6.3V 33U	1	
C3017, 18	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C3019	ECUM1H620JCN	C. CAPACITOR CH 50V 62P	1	
C3021	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3023	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3024	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3027	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3028	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C3029	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3031	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C3032	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C3033	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	1	
C3055	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C3057	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C3061	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3062	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C3063	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4004	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4005	ECCD2H181J	C. CAPACITOR 500V 180P	1	
C4006	ECEA1CKA330	E. CAPACITOR 16V 33U	1	
C4007	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	1	
C4009	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4011	ECQP1362JZ	P. CAPACITOR 100V 3600P	1	[SUPPLIED FROM MBV]
C4015	ECUM1H391JCN	C. CAPACITOR CH 50V 390P	1	
C4017	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4018-20	ECEA1HKA0R1	E. CAPACITOR 50V 0.1U	3	
C4021	ECUM1H153KBN	C. CAPACITOR CH 50V 0.015U	1	
C4022	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C4023	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C4024	ECUM1H272KBN	C. CAPACITOR CH 50V 2700P	1	
C4025, 26	ECEA1CKA220	E. CAPACITOR 16V 22U	2	
C4027	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C4028	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C4029	ECUM1H391JCN	C. CAPACITOR CH 50V 390P	1	
C4030	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4031	ECEA1AKA101	E. CAPACITOR 10V 100U	1	
C4032	ECUM1H822KBN	C. CAPACITOR CH 50V 8200P	1	
C4033, 34	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2	
C4038	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4039	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C4040	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4041	ECUM1H151JCN	C. CAPACITOR CH 50V 150P	1	
C4042	ECUM1H222KBN	C. CAPACITOR CH 50V 2200P	1	
C4044	ECEA1HKA4R7	E. CAPACITOR 50V 4.7U	1	
C4501	ECUX1H681JCV	C. CAPACITOR CH 50V 680P	1	
C4502	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4503	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C4506	ECEA1CU100	E. CAPACITOR 16V 10U	1	
C4507	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4508	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4509	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4510	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C4511	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4512	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4513	ECUM1H681JCN	C. CAPACITOR CH 50V 680P	1	
C4514	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C4515	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4521	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4522	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4530	ECEA0JU470	E. CAPACITOR 6.3V 47U	1	
C4533	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4537	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C4538	ECEA1HUR47	E. CAPACITOR 50V 0.47U	1	
C4541	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4551	ECQB1H223JF	P. CAPACITOR 50V 0.022U	1	
C4556	ECEA1CU100	E. CAPACITOR 16V 10U	1	
C4558	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4559	ECEA1AU470	E. CAPACITOR 10V 47U	1	
C4560	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C4561	ECQB1H332JF	P. CAPACITOR 50V 3300P	1	
C4562	ECUX1H561JCV	C. CAPACITOR CH 50V 560P	1	
C4565	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4568	ECFF1H104ZF	P. CAPACITOR 50V 0.1U	1	
C4572	ECEA1EU4R7	E. CAPACITOR 25V 4.7U	1	
C4576	ECUM1H473KBN	C. CAPACITOR CH 50V 0.047U	1	
C4585, 86	ECEA0JU101	E. CAPACITOR 6.3V 100U	2	
C4587	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C4591	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4592	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C4674	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4675	ECFF1H104ZF	P. CAPACITOR 50V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4676	ECA1VM470	E. CAPACITOR 35V 47U	1	
C4677	ECEA1CU470	E. CAPACITOR 16V 47U	1	
C6001	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6002	ECUM1C224ZFN	C. CAPACITOR CH 16V 0.22U	1	
C6003	ECEA1HKA2R2	E. CAPACITOR 50V 2.2U	1	
C6004	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C6005	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C6006	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6007	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C6008	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C6009	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C6010	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6013, 14	ECUM1H271JCN	C. CAPACITOR CH 50V 270P	2	
C6015	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C6016	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C6017	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C6018	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C7301, 02	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C7303	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7304	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7305	ECEA1CKA220	E. CAPACITOR 16V 22U	1	
C7306	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	1	
C7309-12	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	4	
C7313	ECEA0JKA220	E. CAPACITOR 6.3V 22U	1	
C7314	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7315	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7317	ECUX1H090DCV	C. CAPACITOR CH 50V 90P	1	
C7319	ECRHA020D54R	V. CAPACITOR 50K	1	
C7320	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7321	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	1	
C7322	ECEA1EKA4R7	E. CAPACITOR 25V 4.7U	1	
C7323, 24	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	2	
C7325, 26	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C7327	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7328	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C7329, 30	ECUX1H471JCV	C. CAPACITOR CH 50V 470P	2	
C7331	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7332, 33	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C7334	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7335	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7338	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7339	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7340	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7341	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7342	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7343	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7344	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7345	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7346	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7347	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7348	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7350	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7351	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1	
C7352	ECUM1H182KBM	C. CAPACITOR CH 50V 1800P	1	
C7353	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7354	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7355	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7357	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7358	ECEA1HKA3R3	E. CAPACITOR 50V 3.3U	1	
C7359	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7365	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7369	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7370	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C7371, 72	ECUX1H103ZFV	C. CAPACITOR CH 50V 0.01U	2	
C7374, 75	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	2	
C7601, 02	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7603	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C7604	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7605	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7606	ECEA1CKA101	E. CAPACITOR 16V 100U	1	
C7607	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7608	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C7609	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7610, 11	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7612	ECEA0JKA101	E. CAPACITOR 6.3V 100U	1	
C7613	ECUM1H180JCN	C. CAPACITOR CH 50V 18P	1	
C7614	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7615	ECEA1HKA010	E. CAPACITOR 50V 1U	1	
C7616	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C7617	ECEA1AKS221	E. CAPACITOR 10V 220U	1	
C7701	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	1	
C7702	ECUM1H080DCN	C. CAPACITOR CH 50V 8P	1	
C7706	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7708-10	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	3	
C7712	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7713	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C7714	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7715	ECEA1CKN100	E. CAPACITOR 16V 10U	1	
C7716	ECUM1H120JCN	C. CAPACITOR CH 50V 12P	1	
C7718	ECUM1H561JCN	C. CAPACITOR CH 50V 560P	1	
C7719	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7721	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7723	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7724	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7726	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7729	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7730	ECUM1H820JCN	C. CAPACITOR CH 50V 82P	1	
C7731	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7732	ECUM1H102JCN	C. CAPACITOR CH 50V 1000P	1	
C7734	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7736	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7737	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
C7738, 39	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7742	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7743	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	1	
C7747	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
D381	MA141K	DIODE	1	
D382	MA143	DIODE	1	
D383	MA141K	DIODE	1	
D1001	MA4051-L	DIODE	1	
D1002	11ES1	DIODE	1	
D1003	MA4120-M	DIODE	1	
D1004	MA4051-L	DIODE	1	
D1005	1SS355	DIODE	1	
D1007, 08	1SS355	DIODE	2	
D1009	1SS254	DIODE	1	
D2001	MA153	DIODE	1	
D2002	MA151K	DIODE	1	
D2003-05	1SS355	DIODE	3	
D2006, 07	MA700	DIODE	2	
D2008, 09	MA185	DIODE	2	
D3001, 02	1SS254	DIODE	2	
D3007	1SS254	DIODE	1	
D4003-05	1SS254	DIODE	3	
D4504	1SS254	DIODE	1	
D6001	LN59LT. VT	LED	1	
D6002	MA4075-L	DIODE	1	
D6003	MA151K	DIODE	1	
D6007, 08	1SS254	DIODE	2	
D7301	MA3082-L	DIODE	1	
D7302	MA151K	DIODE	1	
D7303	MA151WK	DIODE	1	
D7304	MA717	DIODE	1	
D7306	MA151WK	DIODE	1	
D7601	MA4300M	DIODE	1	
D7702	1SS355	DIODE	1	
D7704	MA700A	DIODE	1	
DL802	EFDBR124A53T	DELAY	1	
FL7301, 02	VLF0633	FILTER	2	
IC301	MSM7403MS	IC	1	
IC302	TDA9715H/A	IC	1	
IC0701	LA7576	IC	1	
IC1001	HA17431PA	IC	1	
IC2001	BA6887-V3	IC	1	
IC2002	BA6871BS	IC	1	
IC4001	BA7795FS	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC4501	BH7778AK	IC	1	
IC4502	MC14052BF	IC	1	
IC6001	MN6755486H4N	IC	1	[SUPPLIED FROM MBV]
IC6002, 03	ON1387	IC	2	
IC7301	MSP3410-15	IC	1	
IC7302	PST7043	IC	1	
IC7303	M5238FP	IC	1	
IC7304	HA17431PA	IC	1	
IC7305	MN155402VZDB	IC	1	
IC7306	PST7043	IC	1	
IC7701	M27C512MB1A	IC	1	[SUPPLIED FROM MBV]
IC7702	74HCT573D	IC	1	
IC7703	NJM2535M	IC	1	[SUPPLIED FROM MBV]
IC7704	ST24W16FB6	IC	1	[SUPPLIED FROM MBV]
IC7706	P83C528MAAC	IC	1	[SUPPLIED FROM MBV]
IC7707	D74HC164G	IC	1	
IC7708	SAA5281ZPM3	IC	1	
IC7709	D74HC161G	IC	1	
IC7710	UPC393G2	IC	1	
IC7711	PST7043	IC	1	
K301	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
K303	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K0702	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K0704, 05	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	
K801, 02	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	
K805-07	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	3	
K851	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K1001	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3001	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3005	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3014, 15	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	2	
K3020	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K3039	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4002	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4004	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4009	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4503, 04	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	2	
K4641	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K4642	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K4651	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	1	
K6003	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K6006, 07	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	2	
K7305-07	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	3	
K7314	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K7317	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
K7604	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7619	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7704	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7706	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
K7709	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
L301	ELESE330KA	COIL 33UH	1	
L302, 03	ELESE390KA	COIL 39UH	2	
L304	ELESE101KA	COIL 100UH	1	
L306	ELESE121KA	COIL 120UH	1	
L307	ELESE101KA	COIL 100UH	1	
L308	ELESE390JA	COIL 39UH	1	
L0701	VLQ0163JR22	COIL 0.22UH	1	
L0705	VLQ0163J2R7	COIL 2.7UH	1	
L0706	VLQEL05S8R2K	COIL 8.2UH	1	
L802	ELESE101KA	COIL 100UH	1	
L803	ELESE270KA	COIL 27UH	1	
L805	ELESE150KA	COIL 15UH	1	
L808	ELESE6R8JA	COIL 6.8UH	1	
L809-11	ELESE101KA	COIL 100UH	3	
L812	VLP0125	COIL	1	
L2001	VLP0083	COIL	1	
L3001	VLQ0599J820	COIL 82UH	1	
L3002	VLQ0599J151	COIL 150UH	1	
L3003	VLQ0599J6R8	COIL 6.8UH	1	
L3004	VLQ0599J120	COIL 12UH	1	
L3006	VLQ0599J101	COIL 100UH	1	
L3008	VLQ0599J270	COIL 27UH	1	
L3009	VLQ0599J680	COIL 68UH	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L3012	VLQ0599J680	COIL 68UH	1	
L4002	ELESE471KA	COIL 470UH	1	
L4003	VLQ0599J680	COIL 68UH	1	
L4005, 06	VLP0150	COIL	2	
L4007	VLQ0123	COIL	1	
L6001	ELESE101KA	COIL 100UH	1	
L6002	VLP0083	COIL	1	
L6003, 04	VLQ0599J680	COIL 68UH	2	
L7301	ELEXH100JBV	COIL 10UH	1	
L7302	VLP0150	COIL	1	
L7601, 02	VLQ0599J1R0	COIL 1UH	2	
L7603-05	VLQ0599J680	COIL 68UH	3	
L7606	VLQ0599J2R2	COIL 2.2UH	1	
L7607, 08	VLQ0599J680	COIL 68UH	2	
L7702	VLQ0599J3R3	COIL 3.3UH	1	
L7704	VLQ0599J100	COIL 10UH	1	
L7705	VLQ0599J101	COIL 100UH	1	
L7707	VLQ0599J120	COIL 12UH	1	
P2001	VJS3640A002	CONNECTOR (FEMALE) 2P	1	
P2002	VJS3537A015G	CONNECTOR (FEMALE) 15P	1	
P2003	VJP3502	CONNECTOR (MALE)	1	
P2004	VJP1232T	CONNECTOR (MALE) 5P	1	
P3002	VJS3537A020G	CONNECTOR (FEMALE) 20P	1	
P4002	VJS3675E006G	CONNECTOR (FEMALE) 6P	1	
P4003	VJP1230T	CONNECTOR (MALE) 3P	1	
P6001	VJS3821	CONNECTOR (FEMALE) 4P	1	
PK0701	VJR0816E010W	CONNECTOR (MALE) 10P	1	
PK4501	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PK4502	VJR0777B013W	CONNECTOR (MALE) 13P	1	
PK4503	VJR0777B010W	CONNECTOR (MALE) 10P	1	
PK7301	VJR0777B009W	CONNECTOR (MALE) 9P	1	
PK7302	VJR0777B008W	CONNECTOR (MALE) 8P	1	
PP0701	VJP3589A004B	CONNECTOR (MALE) 4P	1	
PP3002	VJP3042A013W	CONNECTOR (MALE) 13P	1	
PP3003	VJP3042A005W	CONNECTOR (MALE) 5P	1	
PP3004	VJP3042A007W	CONNECTOR (MALE) 7P	1	
PP3005	VJP3042A010W	CONNECTOR (MALE) 10P	1	
PS301	VJR0819	CONNECTOR (MALE)	1	
PS3001	VJS3673B005G	CONNECTOR (FEMALE) 5P	1	
PS3006	VJS3631A011A	CONNECTOR (FEMALE) 11P	1	
PS6002	VJS3673B025G	CONNECTOR (FEMALE) 25P	1	
Q301	2SC3930	TRANSISTOR	1	
Q360	2SD1819A	TRANSISTOR	1	
Q361	2SB1218A	TRANSISTOR	1	
Q362	2SB1218A-R	TRANSISTOR	1	
Q0701	MSD601-S	TRANSISTOR	1	
Q0702	MSB709-R	TRANSISTOR	1	
Q804	2SC3930	TRANSISTOR	1	
Q1001	2SD601A	TRANSISTOR	1	
Q1002-04	2SD1996-S	TRANSISTOR	3	
Q1005	2SD601A	TRANSISTOR	1	
Q1007	2SD2544OPQA	TRANSISTOR	1	
Q3001	MSC2295	TRANSISTOR	1	
Q3002	MSB709	TRANSISTOR	1	
Q3003, 04	MSD601	TRANSISTOR	2	
Q3005	MSC2295	TRANSISTOR	1	
Q3006	MSB709	TRANSISTOR	1	
Q3007	MSC2295	TRANSISTOR	1	
Q3010	MSB709-R	TRANSISTOR	1	
Q3023	MSC2295	TRANSISTOR	1	
Q4005	2SB1320A-R	TRANSISTOR	1	
Q4006	2SD602A-R	TRANSISTOR	1	
Q4007-09	MSD601-R	TRANSISTOR	3	
Q4501	2SD1468	TRANSISTOR	1	
Q4551	2SA1515	TRANSISTOR	1	
Q6001	MSB709	TRANSISTOR	1	
Q6002, 03	PN205LT-NCVT	PHOTO TRANSISTOR	2	
Q7301, 02	2SD1996	TRANSISTOR	2	
Q7304	2SC2404	TRANSISTOR	1	
Q7305	MSD601-S	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q7308	2SB709A	TRANSISTOR	1	
Q7310	2SB709A	TRANSISTOR	1	
Q7311-13	MSD1328-S	TRANSISTOR	3	
Q7603	2SB710A	TRANSISTOR	1	
Q7701-03	MSB709	TRANSISTOR	3	
Q7705	MSD601	TRANSISTOR	1	
Q7706	MSB709	TRANSISTOR	1	
QR360	UN511E	TRANSISTOR-RESISTOR	1	
QR361	UN5213	TRANSISTOR-RESISTOR	1	
QR806	UN5113	TRANSISTOR-RESISTOR	1	
QR807	UN5213	TRANSISTOR-RESISTOR	1	
QR1001, 02	MUN2113	TRANSISTOR-RESISTOR	2	
QR1003	MUN2211	TRANSISTOR-RESISTOR	1	
QR3001	MUN2111	TRANSISTOR-RESISTOR	1	
QR3002, 03	DTC363EK	TRANSISTOR-RESISTOR	2	
QR3019	XN4213	TRANSISTOR-RESISTOR	1	
QR4001	MUN2212	TRANSISTOR-RESISTOR	1	
QR6001	XN1211	TRANSISTOR-RESISTOR	1	
QR6002	UN2114	TRANSISTOR-RESISTOR	1	
QR6004	XN1213	TRANSISTOR-RESISTOR	1	
QR7301	MUN2213	TRANSISTOR-RESISTOR	1	
QR7302	MUN2112	TRANSISTOR-RESISTOR	1	
QR7601, 02	MUN2213	TRANSISTOR-RESISTOR	2	
QR7701	UN2216	TRANSISTOR-RESISTOR	1	
QR7702	UN2215	TRANSISTOR-RESISTOR	1	
R305, 06	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R307	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R308, 09	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R310	ERJ6GEYK125	M. RESISTOR CH 1/10W 1.2M	1	
R311	ERJ3GEYJ224	M. RESISTOR CH 1/16W 220K	1	
R319	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R320	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R321	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R322	ERJ3GEYJ822	M. RESISTOR CH 1/16W 8.2K	1	
R325	ERJ3GEYJ332	M. RESISTOR CH 1/16W 3.3K	1	
R328	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R329	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R331, 32	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2	
R333	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R334, 35	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	2	
R337	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R338	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R360	ERJ3GEYJ683	M. RESISTOR CH 1/16W 68K	1	
R361	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R362, 63	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	2	
R364, 65	ERJ3GEYJ561	M. RESISTOR CH 1/16W 560	2	
R367	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R369	ERJ3GEYJ390	M. RESISTOR CH 1/16W 39	1	
R370	ERJ3GEYJ124	M. RESISTOR CH 1/16W 120K	1	
R371	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R372	ERJ3GEYJ681	M. RESISTOR CH 1/16W 680	1	
R373	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R383	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R392	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R393	ERJ6GEYJ225	M. RESISTOR CH 1/10W 2.2M	1	
R394	ERJ3GEYJ682	M. RESISTOR CH 1/16W 6.8K	1	
R0702	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1	
R0704	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R0705	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1	
R0706, 07	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	2	
R0708	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R0709	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M	1	
R0710	ERJ6GEYJ154	M. RESISTOR CH 1/10W 150K	1	
R0713	ERJ3GEYJ241	M. RESISTOR CH 1/16W 240	1	[SUPPLIED FROM MBV]
R0714	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1	
R0715	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R0716	VRE0040E151	M. RESISTOR CH 1/10W 150	1	
R0717	ERJ3GEY0R00	M. RESISTOR CH 1/16W 0	1	
R0718	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0719	ERJ6GEYJ822	M. RESISTOR CH 1/10W 8.2K	1	
R0720	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0722	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R0728	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R0729	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R0732	ERJ3GEYJ471	M. RESISTOR CH 1/16W 470	1	
R0783	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R801	ERJ3GEYJ181	M. RESISTOR CH 1/16W 180	1	
R802	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R804	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
R805	ERJ3GEYJ163	M. RESISTOR CH 1/16W 16K	1	
R809	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
R811	ERJ3GEYJ821	M. RESISTOR CH 1/16W 820	1	
R826	ERJ3GEYJ122	M. RESISTOR CH 1/16W 1.2K	1	
R827	ERJ3GEYJ271	M. RESISTOR CH 1/16W 270	1	
R835	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R836	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1	
R837	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
R838	ERJ6GEYJ271	M. RESISTOR CH 1/10W 270	1	
R839	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1	
R840	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R841	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
R843	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1	
R853	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R855	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1	
R856	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
R1001	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	
R1002	ERDS2TJ102	C. RESISTOR 1/4W 1K	1	
R1003	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R1004	ERJ6GMYJ363	M. RESISTOR CH 1/10W 36K	1	
R1005	ERJ6GMYG272	M. RESISTOR CH 1/10W 2.7K	1	
R1006	ERDS2TJ122	C. RESISTOR 1/4W 1.2K	1	
R1007	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R1008	ERJ6GMYJ333	M. RESISTOR CH 1/10W 33K	1	
R1009, 10	ERJ6GMYJ562	M. RESISTOR CH 1/10W 5.6K	2	
R1011	ERDS1TJ272	C. RESISTOR 1/2W 2.7K	1	
R2001	ERJ6GMYG913	M. RESISTOR CH 1/10W 91K	1	
R2002-04	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	3	
R2005	ERX1SJ1R8	M. RESISTOR 1W 1.8	1	
R2006	ERJ6GMYG512	M. RESISTOR CH 1/10W 5.1K	1	
R2007	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2009, 10	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	2	
R2011	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R2012	ERJ6GMYJ221	M. RESISTOR CH 1/10W 220	1	
R2013	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R2014, 15	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2016	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2017, 18	ERJ6GMYJ223	M. RESISTOR CH 1/10W 22K	2	
R2019	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R2020	ERJ6GMYJ471	M. RESISTOR CH 1/10W 470	1	
R2021	ERJ6GMYJ103	M. RESISTOR CH 1/10W 10K	1	
R2022	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2023	ERQS2CKG8200	M. RESISTOR 1/4W 820	1	
R2024	ERQS2CKG6800	M. RESISTOR 1/4W 680	1	
R2025	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R2026, 27	ERDS2TJ560	C. RESISTOR 1/4W 56	2	
R2028	ERDS1TJ561	C. RESISTOR 1/2W 560	1	
R2029	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R2030	ERJ6GMYG432	M. RESISTOR CH 1/10W 4.3K	1	
R2031	ERJ6GMYG473	M. RESISTOR CH 1/10W 47K	1	
R2032	ERJ6GMYG103	M. RESISTOR CH 1/10W 10K	1	
R2033	ERJ6GMYJ684	M. RESISTOR CH 1/10W 680K	1	
R2034	ERJ6GMYG133	M. RESISTOR CH 1/10W 13K	1	
R2035	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	1	
R2036, 37	ERJ6GMYJ472	M. RESISTOR CH 1/10W 4.7K	2	
R2038	ERJ6GMYJ102	M. RESISTOR CH 1/10W 1K	1	
R2039, 40	ERJ6GMYJ105	M. RESISTOR CH 1/10W 1M	2	
R2041, 42	ERJ6GMYJ392	M. RESISTOR CH 1/10W 3.9K	2	
R2043	ERDS2TJ560	C. RESISTOR 1/4W 56	1	
R2044	ERX12SJR47	M. RESISTOR 1/2W 0.47	1	
R2050	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R2051	ERJ6GMZ0R00	M. RESISTOR CH 1/10W 0	1	
R3001	ERJ6GMYJ561	M. RESISTOR CH 1/10W 560	1	
R3002	ERJ6GMYJ202	M. RESISTOR CH 1/10W 2K	1	
R3003	ERJ6GMYJ222	M. RESISTOR CH 1/10W 2.2K	1	
R3004	ERJ6GMYJ272	M. RESISTOR CH 1/10W 2.7K	1	
R3005	ERJ6GMYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R3006	ERDS2TJ202	C. RESISTOR 1/4W 2K	1	
R3007	ERJ6GMYJ681	M. RESISTOR CH 1/10W 680	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3008	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3009	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3012	ERDS2T0	C.RESISTOR 1/4W 0	1	
R3015	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3017	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R3018	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3019,20	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	2	
R3021	ERJ6GMYJ391	M.RESISTOR CH 1/10W 390	1	
R3022	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3023,24	ERJ6GMYJ821	M.RESISTOR CH 1/10W 820	2	
R3025	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R3026	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3029	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3030	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3032	ERJ6GMYJ334	M.RESISTOR CH 1/10W 330K	1	
R3033	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R3034	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3037	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R3039	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R3065	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R3068,69	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R3076,77	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R3078	ERDS2T0	C.RESISTOR 1/4W 0	1	
R3079,80	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R4003	ERJ6GMYJ100	M.RESISTOR CH 1/10W 10	1	
R4007	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4008	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4011	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4012	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4013	ERJ6GMYJ163	M.RESISTOR CH 1/10W 16K	1	
R4014	ERJ6GMYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R4015	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	1	
R4016	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	1	
R4017	ERJ6GMYJ133	M.RESISTOR CH 1/10W 1.3K	1	
R4019	ERJ6GMYJ105	M.RESISTOR CH 1/10W 1M	1	
R4020	ERJ6GMYJ123	M.RESISTOR CH 1/10W 12K	1	
R4021	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4022	ERJ6GMYG331	M.RESISTOR CH 1/10W 330	1	
R4023	ERJ6GMYG394	M.RESISTOR CH 1/10W 390K	1	
R4024	ERDS2TJ221	C.RESISTOR 1/4W 220	1	
R4025	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4026	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4027	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4028	ERJ6GMYG622	M.RESISTOR CH 1/10W 6.2K	1	
R4029	ERJ6GMYG133	M.RESISTOR CH 1/10W 13K	1	
R4030	ERJ6GMYG562	M.RESISTOR CH 1/10W 5.6K	1	
R4031	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R4032	ERJ6GMYJ471	M.RESISTOR CH 1/10W 470	1	
R4033	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	
R4034	ERJ6GMYJ203	M.RESISTOR CH 1/10W 20K	1	
R4035,36	ERJ6GMYJ223	M.RESISTOR CH 1/10W 22K	2	
R4037	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4038	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4039	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R4041,42	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	2	
R4043	ERG2SJ821	M.RESISTOR 2W 820	1	
R4044	ERDS1TJ222	C.RESISTOR 1/2W 2.2K	1	
R4048	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R4049	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4050	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4051	ERJ6GMYJ682	M.RESISTOR CH 1/10W 6.8K	1	
R4054	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R4055	ERJ6GMYJ153	M.RESISTOR CH 1/10W 15K	1	
R4056	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R4057	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R4058	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R4059	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R4062,63	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	2	
R4064	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	1	
R4065	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R4067,68	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R4069,70	ERJ6GMYJ224	M.RESISTOR CH 1/10W 220K	2	
R4071	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R4073	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R4503	VRE0071E203	M.RESISTOR CH 1/10W 20K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4504	ERJ3GEYG224	M.RESISTOR CH 1/16W 220K	1	
R4508	ERJ3GEYG224	M.RESISTOR CH 1/16W 220K	1	
R4512	VRE0071E113	M.RESISTOR CH 1/10W 11K	1	
R4513	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4517,18	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
R4519,20	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R4522	ERJ3GEYK225	M.RESISTOR CH 1/16W 2.2M	1	
R4528	VRE0071E153	M.RESISTOR CH 1/10W 15K	1	
R4529	ERJ3GEYG562	M.RESISTOR CH 1/16W 5.6K	1	
R4530	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R4534	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4542	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R4562	VRE0071E822	M.RESISTOR CH 1/10W 8.2K	1	
R4563	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R4584	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4585	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4586	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4601	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4603-05	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R4606	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4607	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4608	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R4621	ERJ6GEYJ163	M.RESISTOR CH 1/10W 16K	1	
R4623	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R4624	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4695	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4697	ERJ6GEYJ562	M.RESISTOR CH 1/10W 5.6K	1	
R6001	ERJ6GMYJ201	M.RESISTOR CH 1/10W 200	1	
R6002	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6003-05	ERJ6GMYJ333	M.RESISTOR CH 1/10W 33K	3	
R6006,07	ERJ6GMYG223	M.RESISTOR CH 1/10W 22K	2	
R6008	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6009	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6010	ERJ6GMYG272	M.RESISTOR CH 1/10W 2.7K	1	
R6011	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6012,13	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R6014	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6015	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6016	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	1	
R6017	ERDS2TJ103	C.RESISTOR 1/4W 10K	1	
R6018	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6019	ERDS2TJ473	C.RESISTOR 1/4W 47K	1	
R6020	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R6021-23	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	3	
R6024	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R6025	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6026	ERJ6GMYJ473	M.RESISTOR CH 1/10W 47K	1	
R6027	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6028	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R6033	ERJ6GMYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R6034	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6035,36	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
R6037,38	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R6039	ERDS2TJ271	C.RESISTOR 1/4W 270	1	
R6040,41	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	2	
R6043	ERJ6GMYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R6044	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6046	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6048	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6049	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
R6050	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R6052	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6054	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R6055	ERJ6GMYJ183	M.RESISTOR CH 1/10W 18K	1	
R6056-58	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R6059	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6060	ERJ6GMYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R6061	ERJ6GMYJ243	M.RESISTOR CH 1/10W 24K	1	
R6062	ERJ6GMZOR00	M.RESISTOR CH 1/10W 0	1	
R6064	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R6065	ERJ6GMYJ334	M.RESISTOR CH 1/10W 330K	1	
R7301	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7302	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7303	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R7308	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7309,10	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	2	
R7311	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7312	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7313,14	ERJ3GEYG272	M.RESISTOR CH 1/16W 2.7K	2	
R7315	ERJ3GEYJ114	M.RESISTOR CH 1/16W 110K	1	
R7316	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R7317	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7320	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7321-23	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	3	
R7324	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7325	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7326	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7327-29	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	3	
R7330	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7332	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7333	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7334-36	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	3	
R7337	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7339	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7341-43	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	3	
R7344	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7345,46	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R7350	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7351	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7352-56	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
R7357	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R7362	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
R7366	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7367	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7368	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R7370	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R7376,77	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R7378	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R7379	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7381	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7383	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7601	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R7602,03	ERJ6GMYJ683	M.RESISTOR CH 1/10W 68K	2	
R7604	ERJ6GMYJ151	M.RESISTOR CH 1/10W 150	1	
R7605-07	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	3	
R7609	ERDS2TJ330	C.RESISTOR 1/4W 33	1	
R7612	ERG2SJ331	M.RESISTOR 2W 330	1	
R7614	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R7615	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7616	ERG2SJ331	M.RESISTOR 2W 330	1	
R7618	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7619	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7702	ERJ6GMYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R7703,04	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	2	
R7705	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7706	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R7707	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7708	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7709,10	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	2	
R7711	ERJ6GMYJ511	M.RESISTOR CH 1/10W 510	1	
R7712	ERJ6GMYJ561	M.RESISTOR CH 1/10W 560	1	
R7713	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7714-19	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	6	
R7720,21	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	2	
R7723	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7725	ERJ6GMYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7729	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7730	ERJ6GMYJ101	M.RESISTOR CH 1/10W 100	1	
R7731	ERJ6GMYJ103	M.RESISTOR CH 1/10W 10K	1	
R7732	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7733	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7734	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7735	ERJ6GMYJ104	M.RESISTOR CH 1/10W 100K	1	
R7736	ERJ6GMYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R7737,38	ERJ6GMYJ221	M.RESISTOR CH 1/10W 220	2	
R7739	ERJ6GMYJ112	M.RESISTOR CH 1/10W 1.1K	1	
R7740	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7746	ERJ6GMYJ393	M.RESISTOR CH 1/10W 39K	1	
R7747	ERJ6GMYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R7750	ERJ6GMYJ331	M.RESISTOR CH 1/10W 330	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7751,52	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	2	
R7754	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
R7755	ERJ6GMYJ202	M.RESISTOR CH 1/10W 2K	1	
R7758	ERJ6GMYJ273	M.RESISTOR CH 1/10W 27K	1	
R7759	ERJ6GMYJ362	M.RESISTOR CH 1/10W 3.6K	1	
R7760	ERJ6GMYJ752	M.RESISTOR CH 1/10W 7.5K	1	
R7761	ERJ6GMYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R7762	ERJ6GMYJ202	M.RESISTOR CH 1/10W 2K	1	
R7763	ERJ6GMYJ302	M.RESISTOR CH 1/10W 3K	1	
R7764	ERJ6GMYJ102	M.RESISTOR CH 1/10W 1K	1	
RX7701	EXBF9E103J	COMBI.R-R 10K	1	
S6001	VES0709	SWITCH	1	
T0703	EQV5EC071A	TRANSFORMER	1	
T0704	EQV5EC072A	TRANSFORMER	1	
T4002	EIQ7QF014Q	TRANSFORMER	1	
⚠TU7601	ENG47207G	TUNER	1	[SUPPLIED FROM MBV]
VR301	EVMEASA00B13	V.RESISTOR 1K	1	
VR302	EVMEASA00B14	V.RESISTOR 10K	1	
VR303,04	EVMEASA00B53	V.RESISTOR 5K	2	
VR305,06	EVMEASA00B14	V.RESISTOR 10K	2	
VR0701	EVNGBAA00B24	V.RESISTOR 20K	1	
VR2001	EVNGYAA03B54	V.RESISTOR 50K	1	
VR3001,02	EVNGYAA03B23	V.RESISTOR 20K	2	
VR3012,13	EVNGYAA03B52	V.RESISTOR 500	2	
VR3014	EVNGYAA03B54	V.RESISTOR 50K	1	
VR4001	EVNGYAA03B15	V.RESISTOR 100K	1	
VR4501	EVMECSA00BS3	V.RESISTOR 6.8K	1	
VR4509	EVMECSA00B53	V.RESISTOR 5K	1	
VR4550	EVMECSA00B14	V.RESISTOR 10K	1	
X0701	VLF1180	FILTER	1	
X0703	EFCS6M65MW3B	FILTER	1	
X0704	VLF1313	FILTER	1	
X801	VSX0162	CRYSTAL OSCILLATOR	1	
X6001	VSX0583	CRYSTAL OSCILLATOR	1	
X7302	VSX0683	CRYSTAL OSCILLATOR	1	
X7303	EF0GC4004A4	CRYSTAL OSCILLATOR	1	
X7702	VSX0353	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMD2328	REEL GUIDE	1	
	VMD2329	PHOTO TRANSISTOR HOLDER	2	
	VMD2330	LED HOLDER	1	
	VMP4471	TV DEMODULATOR ANGLE	1	TV DEMODU. C.B.A.
	VSC3553	SHIELD COVER (MAIN)	1	FOR NICAM DECODER C.B.A.
	VSC3555	SHIELD COVER (BOTTOM)	1	FOR NICAM DECODER C.B.A.
■	VEP03D34A	INPUT/OUTPUT C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG/EG H/EC
C3902	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3903	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C3905	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3906	ECEA0JKA331	E.CAPACITOR 6.3V 330U	1	
C3907,08	ECEA1CKA100	E.CAPACITOR 16V 10U	2	
C3917	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C3918	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3919	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C3920	ECUM1H104ZFN	C.CAPACITOR CH 50V. 0.1U	1	
C3923	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C3924,25	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	2	
C4901-08	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	8	
C4909	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4910,11	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	2	
C4913	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4914	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4915	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
D3901,02	MA4056M	DIODE	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D3903	MA4120-M	DIODE	1	
D3905	MA151WK	DIODE	1	
IC3902	MC14053BF	IC	1	
IC3903	MC14052BF	IC	1	
IC3906	MC14051BF	IC	1	
IC4901	MC14052BF	IC	1	
IC4902, 03	NJM4558M	IC	2	
IC4904	MC14052BF	IC	1	
JK3901	VEJ1697	JACK	1	[SUPPLIED FROM MBV]
JK3902, 03	VJS1470	JACK	2	
K4906	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
L3903, 04	VLQ0599J330	COIL 33UH	2	
L4901, 02	VLQ0599J471	COIL 470UH	2	
L4903	VLQ0599J101	COIL 100UH	1	
L4904	VLQ0599J330	COIL 33UH	1	
PS3901	VJS3042B010W	CONNECTOR (FEMALE) 10P	1	
PS3902	VJS3042B007W	CONNECTOR (FEMALE) 7P	1	
PS3903	VJS3042B005W	CONNECTOR (FEMALE) 5P	1	
PS3904	VJS3042B013W	CONNECTOR (FEMALE) 13P	1	
Q3901, 02	MSD601	TRANSISTOR	2	
Q3903, 04	MSB709	TRANSISTOR	2	
Q3909	MSD1328	TRANSISTOR	1	
QR3901	MUN2212	TRANSISTOR-RESISTOR	1	
QR3903	MUN2212	TRANSISTOR-RESISTOR	1	
QR3904	MUN2111	TRANSISTOR-RESISTOR	1	
R3901, 02	ERJ6GEYG153	M. RESISTOR CH 1/10W 15K	2	
R3903	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R3904	ERJ6GEYG472	M. RESISTOR CH 1/10W 4.7K	1	
R3905	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R3910-12	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	3	
R3919	ERJ6GEYJ683	M. RESISTOR CH 1/10W 68K	1	
R3920	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R3921	ERJ6GEYJ683	M. RESISTOR CH 1/10W 68K	1	
R3922	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R3923, 24	ERJ6GEYJ331	M. RESISTOR CH 1/10W 330	2	
R3925, 26	ERJ6GEYJ121	M. RESISTOR CH 1/10W 120	2	
R3928, 29	ERJ6GEYJ121	M. RESISTOR CH 1/10W 120	2	
R3930	ERJ6GEYJ750	M. RESISTOR CH 1/10W 75	1	
R3932-34	ERJ6GEYJ750	M. RESISTOR CH 1/10W 75	3	
R3935	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R3937	ERJ6GEYJ822	M. RESISTOR CH 1/10W 8.2K	1	
R3938	ERJ6GEYG472	M. RESISTOR CH 1/10W 4.7K	1	
R3946	ERJ6GEYJ223	M. RESISTOR CH 1/10W 22K	1	
R3947	ERDS2TJ561	C. RESISTOR 1/4W 560	1	
R3949, 50	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	2	
R3953	ERJ6GEYJ561	M. RESISTOR CH 1/10W 560	1	
R3954	ERJ6GEYJ104	M. RESISTOR CH 1/10W 100K	1	
R4901	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R4902, 03	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	2	
R4904	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R4905	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R4906-13	ERJ6GEYJ101	M. RESISTOR CH 1/10W 100	8	
R4914, 15	ERJ6GEYJ471	M. RESISTOR CH 1/10W 470	2	
R4916	ERJ6GEYJ752	M. RESISTOR CH 1/10W 7.5K	1	
R4917, 18	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	2	
R4919	ERJ6GEYJ683	M. RESISTOR CH 1/10W 68K	1	
R4920	ERJ6GEYJ223	M. RESISTOR CH 1/10W 22K	1	
R4921	ERJ6GEYJ683	M. RESISTOR CH 1/10W 68K	1	
R4922	ERJ6GEYJ223	M. RESISTOR CH 1/10W 22K	1	
R4924	ERJ6GEYJ752	M. RESISTOR CH 1/10W 7.5K	1	
R4925, 26	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	2	
R4927, 28	ERJ6GEYG153	M. RESISTOR CH 1/10W 15K	2	
R4929	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R4930, 31	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	2	
R4932, 33	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	2	
R4934, 35	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
S3902	ESD172311	SWITCH	1	
		MISCELLANEOUS		
	XTV3+8GFZ	SCREW	4	
■	VEP03D34B	INPUT/OUTPUT C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610B
C3902	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3903	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3905	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3906	ECEA0JKA331	E. CAPACITOR 6.3V 330U	1	
C3907, 08	ECEA1CKA100	E. CAPACITOR 16V 10U	2	
C3917	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3918	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3919	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3920	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C3923	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
C3924, 25	ECUM1C105ZFN	C. CAPACITOR CH 16V 1U	2	
C4901-08	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	8	
C4909	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4910, 11	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	2	
C4913	ECEA1CKA100	E. CAPACITOR 16V 10U	1	
C4914	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C4915	ECEA1CKA470	E. CAPACITOR 16V 47U	1	
D3901, 02	MA4056M	DIODE	2	
D3903	MA4120-M	DIODE	1	
D3905	MA151WK	DIODE	1	
IC3902	MC14053BF	IC	1	
IC3903	MC14052BF	IC	1	
IC3906	MC14051BF	IC	1	
IC4901	MC14052BF	IC	1	
IC4902, 03	NJM4558M	IC	2	
IC4904	MC14052BF	IC	1	
JK3901	VEJ1698	JACK	1	[SUPPLIED FROM MBV]
JK3902, 03	VJS1470	JACK	2	
K4906	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
L3903, 04	VLQ0599J330	COIL 33UH	2	
L4901, 02	VLQ0599J471	COIL 470UH	2	
L4903	VLQ0599J101	COIL 100UH	1	
L4904	VLQ0599J330	COIL 33UH	1	
PS3901	VJS3042B010W	CONNECTOR (FEMALE) 10P	1	
PS3902	VJS3042B007W	CONNECTOR (FEMALE) 7P	1	
PS3903	VJS3042B005W	CONNECTOR (FEMALE) 5P	1	
PS3904	VJS3042B013W	CONNECTOR (FEMALE) 13P	1	
Q3901, 02	MSD601	TRANSISTOR	2	
Q3903, 04	MSB709	TRANSISTOR	2	
Q3909	MSD1328	TRANSISTOR	1	
QR3901	MUN2212	TRANSISTOR-RESISTOR	1	
QR3903	MUN2212	TRANSISTOR-RESISTOR	1	
QR3904	MUN2111	TRANSISTOR-RESISTOR	1	
R3901, 02	ERJ6GEYG153	M. RESISTOR CH 1/10W 15K	2	
R3903	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R3904	ERJ6GEYG472	M. RESISTOR CH 1/10W 4.7K	1	
R3905	ERJ6GEYOR00	M. RESISTOR CH 1/10W 0	1	
R3910-12	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	3	
R3919	ERJ6GEYJ683	M. RESISTOR CH 1/10W 68K	1	
R3920	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R3921	ERJ6GEYJ683	M. RESISTOR CH 1/10W 68K	1	
R3922	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R3923, 24	ERJ6GEYJ331	M. RESISTOR CH 1/10W 330	2	
R3925, 26	ERJ6GEYJ121	M. RESISTOR CH 1/10W 120	2	
R3928, 29	ERJ6GEYJ121	M. RESISTOR CH 1/10W 120	2	
R3930	ERJ6GEYJ750	M. RESISTOR CH 1/10W 75	1	
R3932-34	ERJ6GEYJ750	M. RESISTOR CH 1/10W 75	3	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3935	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R3937	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R3938	ERJ6GEYG472	M.RESISTOR CH 1/10W 4.7K	1	
R3946	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3947	ERDS2TJ561	C.RESISTOR 1/4W 560	1	
R3949,50	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R3953	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3954	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4901	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4902,03	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R4904	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4905	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R4906-13	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	8	
R4914,15	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R4916	ERJ6GEYJ752	M.RESISTOR CH 1/10W 7.5K	1	
R4917,18	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R4919	ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R4920	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4921	ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R4922	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4924	ERJ6GEYJ752	M.RESISTOR CH 1/10W 7.5K	1	
R4925,26	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R4927,28	ERJ6GEYG153	M.RESISTOR CH 1/10W 15K	2	
R4929	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R4930,31	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R4932,33	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R4934,35	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	2	
S3902	ESD172311	SWITCH	1	
		MISCELLANEOUS		
	XTV3+8GFZ	SCREW	4	
■	VEP03D34K	INPUT/OUTPUT C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD605B/BL
C3902	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3903	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C3905	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3906	ECEA0JKA331	E.CAPACITOR 6.3V 330U	1	
C3907,08	ECEA1CKA100	E.CAPACITOR 16V 10U	2	
C3917	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C3918	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3919	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C3920	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C3923	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
C3924,25	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	2	
C4901-08	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	8	
C4909	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4910,11	ECUM1H471JCN	C.CAPACITOR CH 50V 470P	2	
C4913	ECEA1CKA100	E.CAPACITOR 16V 10U	1	
C4914	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C4915	ECEA1CKA470	E.CAPACITOR 16V 47U	1	
D3901,02	MA4056M	DIODE	2	
D3903	MA4120-M	DIODE	1	
D3905	MA151WK	DIODE	1	
IC3902	MC14053BF	IC	1	
IC3903	MC14052BF	IC	1	
IC3906	MC14051BF	IC	1	
IC4901	MC14052BF	IC	1	
IC4902,03	NJM4558M	IC	2	
IC4904	MC14052BF	IC	1	
JK3901	VEJ1698	JACK	1	[SUPPLIED FROM MBV]
JK3902,03	VJS1470	JACK	2	
K4906	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
L3903,04	VLQ0599J330	COIL 33UH	2	
L4901,02	VLQ0599J471	COIL 470UH	2	
L4903	VLQ0599J101	COIL 100UH	1	
L4904	VLQ0599J330	COIL 33UH	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P4902	VJP1243T	CONNECTOR (MALE) 3P	1	
PS3901,02	VJS3042B010W	CONNECTOR (FEMALE) 10P	2	
PS3903	VJS3042B005W	CONNECTOR (FEMALE) 5P	1	
PS3904	VJS3042B013W	CONNECTOR (FEMALE) 13P	1	
Q3901,02	MSD601	TRANSISTOR	2	
Q3903,04	MSB709	TRANSISTOR	2	
Q3909	MSD1328	TRANSISTOR	1	
QR3901	MUN2212	TRANSISTOR-RESISTOR	1	
QR3903	MUN2212	TRANSISTOR-RESISTOR	1	
QR3904	MUN2111	TRANSISTOR-RESISTOR	1	
R3901,02	ERJ6GEYG153	M.RESISTOR CH 1/10W 15K	2	
R3903	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R3904	ERJ6GEYG472	M.RESISTOR CH 1/10W 4.7K	1	
R3905	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R3910-12	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	3	
R3919	ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R3920	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3921	ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R3922	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R3923,24	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	2	
R3925,26	ERJ6GEYJ121	M.RESISTOR CH 1/10W 120	2	
R3928,29	ERJ6GEYJ121	M.RESISTOR CH 1/10W 120	2	
R3930	ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	1	
R3932-34	ERJ6GEYJ750	M.RESISTOR CH 1/10W 75	3	
R3935	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R3937	ERJ6GEYJ822	M.RESISTOR CH 1/10W 8.2K	1	
R3938	ERJ6GEYG472	M.RESISTOR CH 1/10W 4.7K	1	
R3946	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R3947	ERDS2TJ561	C.RESISTOR 1/4W 560	1	
R3949,50	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R3953	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R3954	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R4901	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4902,03	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R4904	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R4905	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R4906-13	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	8	
R4914,15	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	2	
R4916	ERJ6GEYJ752	M.RESISTOR CH 1/10W 7.5K	1	
R4917,18	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R4919	ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R4920	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4921	ERJ6GEYJ683	M.RESISTOR CH 1/10W 68K	1	
R4922	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R4924	ERJ6GEYJ752	M.RESISTOR CH 1/10W 7.5K	1	
R4925,26	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R4927,28	ERJ6GEYG153	M.RESISTOR CH 1/10W 15K	2	
R4929	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	
R4930,31	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	2	
R4932,33	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
R4934,35	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	2	
S3902	ESD172311	SWITCH	1	
		MISCELLANEOUS		
	XTV3+8GFZ	SCREW	4	
■	VEP05329A	HEAD AMP C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
C503	ECUM1C474ZFN	C.CAPACITOR CH 16V 0.47U	1	
C506	ECUM1C474ZFN	C.CAPACITOR CH 16V 0.47U	1	
C507	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C510	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C511	ECEA0JKA221	E.CAPACITOR 6.3V 220U	1	
C512,13	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	2	
C514	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C515	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	1	
C516	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C517,18	ECUM1H102KBN	C.CAPACITOR CH 50V 1000P	2	
C519	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
D501,02	1SS254	DIODE	2	
IC501	STV5728	IC	1	[SUPPLIED FROM MBV]
K501-06	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	6	
L502,03	VLQ0599J330	COIL 33UH	2	
P501	VJS3537B020G	CONNECTOR (FEMALE) 20P	1	
P502	VJS2603	CONNECTOR (FEMALE)	1	
Q503,04	MSD601	TRANSISTOR	2	
QR501,02	MUN2213	TRANSISTOR-RESISTOR	2	
R501	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R502	ERJ6GEYJ621	M.RESISTOR CH 1/10W 620	1	
R503	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R504	ERJ6GEYJ621	M.RESISTOR CH 1/10W 620	1	
R510	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1	
R511	ERJ6GEYJ182	M.RESISTOR CH 1/10W 1.8K	1	
R512	ERJ6GEYJ621	M.RESISTOR CH 1/10W 620	1	
R513	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R514	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R515	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R516	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R517	ERJ6GEYG333	M.RESISTOR CH 1/10W 33K	1	
R518	ERJ6GEYJ272	M.RESISTOR CH 1/10W 2.7K	1	
R519	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1	
R520,21	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	2	
R522	ERJ6GEYJ122	M.RESISTOR CH 1/10W 1.2K	1	
R523	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
		MISCELLANEOUS		
	VSC3478	SHIELD COVER (MAIN)	1	
	VSC3714	SHIELD COVER (TOP)	1	
	VSC3715	SHIELD COVER (BOTTOM)	1	
■	VEP07934A	TIMER C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG
C7502	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7503	ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C7504	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7505	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C7507	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C7508	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C7509	ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7510,11	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7512	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7514	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7515,16	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
C7519,20	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C7521	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
D7501	MA723VT	DIODE	1	
D7502	MA4220	DIODE	1	
D7503-05	1SS254	DIODE	3	
D7509	HLMK-D215	DIODE	1	
D7510	1SS254	DIODE	1	
D7512	1SS254	DIODE	1	
D7517	1SS254	DIODE	1	
D7527	1SS254	DIODE	1	
D7529-36	1SS254	DIODE	8	
D7538	1SS254	DIODE	1	
DP7501	VSL0468	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
IC7501	PST7023	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC7502	S80743AL	IC	1	
IC7503	M37507V6AF	IC	1	[SUPPLIED FROM MBV]
IR7501	RPM675CBRX10	IR RECEIVER UNIT	1	
K7502-04	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	3	
PP7501	VJP3405A011W	CONNECTOR (MALE) 11P	1	
PS7501	VJS3673B025G	CONNECTOR (FEMALE) 25P	1	
PS7502	VJS3673B005G	CONNECTOR (FEMALE) 5P	1	
QR7501	MUN2112	TRANSISTOR-RESISTOR	1	
QR7506	MUN2111	TRANSISTOR-RESISTOR	1	
R7502	ERDS2TJ8R2	C.RESISTOR 1/4W 8.2	1	
R7503,04	ERJ6GEYJ132	M.RESISTOR CH 1/10W 1.3K	2	
R7505	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R7506	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R7507	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7508	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7509	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7510	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7511-14	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	4	
R7515	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7516	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7517	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7518	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7521-23	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	3	
R7524-26	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7527	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7528	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7529	ERDS2TJ470	C.RESISTOR 1/4W 47	1	
R7532	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7533	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7534	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
S7501-03	EVQ11409K	SWITCH	3	
S7506	EVQ11409K	SWITCH	1	
S7508,09	EVQ11409K	SWITCH	2	
S7512,13	EVQ11409K	SWITCH	2	
VC7501	ECRHA010A54R	V.CAPASITOR 50K	1	
X7501	VSX0608	CRYSTAL OSCILLATOR	1	
X7502	VSX0094	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VJF1148	F1P HOLDER	1	
	VMD1047	LED HOLDER	1	
	VMD2247	IR RECEIVER HOLDER	1	
■	VEP07934M	TIMER C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG H
C7502	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7503	ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C7504	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7505	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C7507	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C7508	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	
C7509	ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7510,11	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7512	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7514	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7515,16	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
C7519,20	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C7521	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
D7501	MA723VT	DIODE	1	
D7502	MA4220	DIODE	1	
D7503-05	1SS254	DIODE	3	
D7509	HLMK-D215	DIODE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D7510	1SS254	DIODE	1	
D7512	1SS254	DIODE	1	
D7517	1SS254	DIODE	1	
D7527	1SS254	DIODE	1	
D7529-36	1SS254	DIODE	8	
D7538,39	1SS254	DIODE	2	
DP7501	VSL0468	DISPLAY TUBE	1	
IC7501	PST7023	IC	1	
IC7502	S80743AL	IC	1	
IC7503	M37507V6AF	IC	1	
IR7501	RPM675CBRX10	IR RECEIVER UNIT	1	
K7502-04	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	3	
PP7501	VJP3405A011W	CONNECTOR (MALE) 11P	1	
PS7501	VJS3673B025G	CONNECTOR (FEMALE) 25P	1	
PS7502	VJS3673B005G	CONNECTOR (FEMALE) 5P	1	
QR7501	MUN2112	TRANSISTOR-RESISTOR	1	
QR7506	MUN2111	TRANSISTOR-RESISTOR	1	
R7502	ERDS2TJ8R2	C.RESISTOR 1/4W 8.2	1	
R7503,04	ERJ6GEYJ132	M.RESISTOR CH 1/10W 1.3K	2	
R7505	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R7506	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R7507	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7508	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7509	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7510	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7511-14	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	4	
R7515	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7516	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7517	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7518	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7521-23	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	3	
R7524-26	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7527	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7528	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7529	ERDS2TJ470	C.RESISTOR 1/4W 47	1	
R7532	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7533	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7534	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
S7501-03	EVQ11409K	SWITCH	3	
S7506	EVQ11409K	SWITCH	1	
S7508,09	EVQ11409K	SWITCH	2	
S7512,13	EVQ11409K	SWITCH	2	
VC7501	ECRHA010A54R	V.CAPACITOR 50K	1	
W201,02	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	
X7501	VSX0608	CRYSTAL OSCILLATOR	1	
X7502	VSX0094	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VJF1148	FIP HOLDER	1	
	VMD1047	LED HOLDER	1	
	VMD2247	IR RECEIVER HOLDER	1	
■	VEP07934B	TIMER C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610B
C7502	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7503	ECA0JM221	E.CAPACITOR 6.3V 220U	1	
C7504	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7505	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H560JCN	C.CAPACITOR CH 50V 56P	1	
C7507	ECUM1H270JCN	C.CAPACITOR CH 50V 27P	1	
C7508	ECUM1H220JCN	C.CAPACITOR CH 50V 22P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7509	ECEA1HKA100	E.CAPACITOR 50V 10U	1	
C7510,11	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	2	
C7512	ECUM1H221JCN	C.CAPACITOR CH 50V 220P	1	
C7514	ECUM1H103ZFN	C.CAPACITOR CH 50V 0.01U	1	
C7515,16	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
C7519,20	ECUM1H101JCN	C.CAPACITOR CH 50V 100P	2	
C7521	ECEA0JKA470	E.CAPACITOR 6.3V 47U	1	
D7501	MA723VT	DIODE	1	
D7502	MA4220	DIODE	1	
D7503-06	1SS254	DIODE	4	
D7509	HLMK-D215	DIODE	1	
D7510	1SS254	DIODE	1	
D7512	1SS254	DIODE	1	
D7513,14	SLR932AVA	DIODE	2	
D7516-18	1SS254	DIODE	3	
D7527	1SS254	DIODE	1	
D7529-36	1SS254	DIODE	8	
D7538	1SS254	DIODE	1	
DP7501	VSL0468	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
IC7501	PST7023	IC	1	
IC7502	S80743AL	IC	1	
IC7503	M37507V6AF	IC	1	[SUPPLIED FROM MBV]
IR7501	RPM675CBRX10	IR RECEIVER UNIT	1	
K7502-04	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	3	
PP7501	VJP3405A011W	CONNECTOR (MALE) 11P	1	
PS7501	VJS3673B025G	CONNECTOR (FEMALE) 25P	1	
PS7502	VJS3673B005G	CONNECTOR (FEMALE) 5P	1	
Q7501	MSB709	TRANSISTOR	1	
QR7501	MUN2112	TRANSISTOR-RESISTOR	1	
QR7506	MUN2111	TRANSISTOR-RESISTOR	1	
R7502	ERDS2TJ8R2	C.RESISTOR 1/4W 8.2	1	
R7503,04	ERJ6GEYJ132	M.RESISTOR CH 1/10W 1.3K	2	
R7505	ERJ6GEYJ331	M.RESISTOR CH 1/10W 330	1	
R7506	ERJ6GEYJ224	M.RESISTOR CH 1/10W 220K	1	
R7507	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7508	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7509	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R7510	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R7511-14	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	4	
R7515	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7516	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7517	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7518	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R7521-23	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	3	
R7524-26	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7527	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7528	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7529	ERDS2TJ470	C.RESISTOR 1/4W 47	1	
R7532	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7533	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7534	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7537	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
S7501-03	EVQ11409K	SWITCH	3	
S7506	EVQ11409K	SWITCH	1	
S7508,09	EVQ11409K	SWITCH	2	
S7512,13	EVQ11409K	SWITCH	2	
VC7501	ECRHA010A54R	V.CAPACITOR 50K	1	
X7501	VSX0608	CRYSTAL OSCILLATOR	1	
X7502	VSX0094	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VJF1148	FIP HOLDER	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VMD1047	LED HOLDER	3	
	VMD2247	IR RECEIVER HOLDER	1	
■	VEP07934C	TIMER C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG
C7502	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7503	ECA0JM221	E. CAPACITOR 6.3V 220U	1	
C7504	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1	
C7507	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7508	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C7509	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7510, 11	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7512	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C7514	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7515, 16	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7519, 20	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C7521	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
D7501	MA723VT	DIODE	1	
D7502	MA4220	DIODE	1	
D7503-05	1SS254	DIODE	3	
D7509	HLMK-D215	DIODE	1	
D7510	1SS254	DIODE	1	
D7512	1SS254	DIODE	1	
D7517, 18	1SS254	DIODE	2	
D7527	1SS254	DIODE	1	
D7529-36	1SS254	DIODE	8	
D7538	1SS254	DIODE	1	
DP7501	VSL0468	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
IC7501	PST7023	IC	1	
IC7502	S80743AL	IC	1	
IC7503	M37507V6AF	IC	1	[SUPPLIED FROM MBV]
IR7501	RPM675CBRX10	IR RECEIVER UNIT	1	
K7502-04	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	3	
PP7501	VJP3405A011W	CONNECTOR (MALE) 11P	1	
PS7501	VJS3673B025G	CONNECTOR (FEMALE) 25P	1	
PS7502	VJS3673B005G	CONNECTOR (FEMALE) 5P	1	
QR7501	MUN2112	TRANSISTOR-RESISTOR	1	
QR7506	MUN2111	TRANSISTOR-RESISTOR	1	
R7502	ERDS2TJ8R2	C. RESISTOR 1/4W 8.2	1	
R7503, 04	ERJ6GEYJ132	M. RESISTOR CH 1/10W 1.3K	2	
R7505	ERJ6GEYJ331	M. RESISTOR CH 1/10W 330	1	
R7506	ERJ6GEYJ224	M. RESISTOR CH 1/10W 220K	1	
R7507	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R7508	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	1	
R7509	ERJ6GEYJ101	M. RESISTOR CH 1/10W 100	1	
R7510	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R7511-14	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	4	
R7515	ERJ6GEYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R7516	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	1	
R7517	ERJ6GEYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R7518	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	
R7521-23	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	3	
R7524-26	ERJ6GEYJ332	M. RESISTOR CH 1/10W 3.3K	3	
R7527	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R7528	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	1	
R7529	ERDS2TJ470	C. RESISTOR 1/4W 47	1	
R7532	ERJ6GEYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R7533	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	1	
R7534	ERJ6GEYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R7537	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
S7501-03	EVQ11409K	SWITCH	3	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
S7506	EVQ11409K	SWITCH	1	
S7508, 09	EVQ11409K	SWITCH	2	
S7512, 13	EVQ11409K	SWITCH	2	
VC7501	ECRHA010A54R	V. CAPACITOR 50K	1	
X7501	VSX0608	CRYSTAL OSCILLATOR	1	
X7502	VSX0094	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VJF1148	FIP HOLDER	1	
	VMD1047	LED HOLDER	1	
	VMD2247	IR RECEIVER HOLDER	1	
■	VEP07934L	TIMER C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD605B/BL
C7502	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7503	ECA0JM221	E. CAPACITOR 6.3V 220U	1	
C7504	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7505	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	1	
C7506	ECUM1H560JCN	C. CAPACITOR CH 50V 56P	1	
C7507	ECUM1H270JCN	C. CAPACITOR CH 50V 27P	1	
C7508	ECUM1H220JCN	C. CAPACITOR CH 50V 22P	1	
C7509	ECEA1HKA100	E. CAPACITOR 50V 10U	1	
C7510, 11	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	2	
C7512	ECUM1H221JCN	C. CAPACITOR CH 50V 220P	1	
C7514	ECUM1H103ZFN	C. CAPACITOR CH 50V 0.01U	1	
C7515, 16	ECUM1H104ZFN	C. CAPACITOR CH 50V 0.1U	2	
C7519, 20	ECUM1H101JCN	C. CAPACITOR CH 50V 100P	2	
C7521	ECEA0JKA470	E. CAPACITOR 6.3V 47U	1	
D7501	MA723VT	DIODE	1	
D7502	MA4220	DIODE	1	
D7503-06	1SS254	DIODE	4	
D7509	HLMK-D215	DIODE	1	
D7510	1SS254	DIODE	1	
D7512	1SS254	DIODE	1	
D7517, 18	1SS254	DIODE	2	
D7527	1SS254	DIODE	1	
D7529-36	1SS254	DIODE	8	
D7538	1SS254	DIODE	1	
DP7501	VSL0468	DISPLAY TUBE	1	[SUPPLIED FROM MBV]
IC7501	PST7023	IC	1	
IC7502	S80743AL	IC	1	
IC7503	M37507V6AF	IC	1	[SUPPLIED FROM MBV]
IR7501	RPM675CBRX10	IR RECEIVER UNIT	1	
K7502-04	ERJ6GEY0R00	M. RESISTOR CH 1/10W 0	3	
PP7501	VJP3405A011W	CONNECTOR (MALE) 11P	1	
PS7501	VJS3673B025G	CONNECTOR (FEMALE) 25P	1	
PS7502	VJS3673B005G	CONNECTOR (FEMALE) 5P	1	
QR7501	MUN2112	TRANSISTOR-RESISTOR	1	
QR7506	MUN2111	TRANSISTOR-RESISTOR	1	
R7502	ERDS2TJ8R2	C. RESISTOR 1/4W 8.2	1	
R7503, 04	ERJ6GEYJ132	M. RESISTOR CH 1/10W 1.3K	2	
R7505	ERJ6GEYJ331	M. RESISTOR CH 1/10W 330	1	
R7506	ERJ6GEYJ224	M. RESISTOR CH 1/10W 220K	1	
R7507	ERJ6GEYJ103	M. RESISTOR CH 1/10W 10K	1	
R7508	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	1	
R7509	ERJ6GEYJ101	M. RESISTOR CH 1/10W 100	1	
R7510	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	1	
R7511-14	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	4	
R7515	ERJ6GEYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R7516	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	1	
R7517	ERJ6GEYJ332	M. RESISTOR CH 1/10W 3.3K	1	
R7518	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R7521-23	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	3	
R7524-26	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	3	
R7527	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R7528	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7529	ERDS2TJ470	C.RESISTOR 1/4W 47	1	
R7532	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7533	ERJ6GEYJ221	M.RESISTOR CH 1/10W 220	1	
R7534	ERJ6GEYJ332	M.RESISTOR CH 1/10W 3.3K	1	
R7537	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
S7501-03	EVQ11409K	SWITCH	3	
S7506	EVQ11409K	SWITCH	1	
S7508,09	EVQ11409K	SWITCH	2	
S7512,13	EVQ11409K	SWITCH	2	
VC7501	ECRHA010A54R	V.CAPACITOR 50K	1	
X7501	VSX0608	CRYSTAL OSCILLATOR	1	
X7502	VSX0094	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VJF1148	FIP HOLDER	1	
	VMD1047	LED HOLDER	1	
	VMD2247	IR RECEIVER HOLDER	1	
■	VEP06B82B	POWER SWITCH C.B.A.		[SUPPLIED FROM MBV]
				(RTL) NV-HD610EG/EG H/EG
				NV-HD605B/BL
C6512	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C6514	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C6515	VCE0073	E.CAPACITOR	1	
PS6501	VJS3405A011A	CONNECTOR (FEMALE) 11P	1	
R6528	ERJ6GEYJ181	M.RESISTOR CH 1/10W 180	1	
S6501,02	EVQ11409K	SWITCH	2	
S6504	EVQ11409K	SWITCH	1	
■	VEP06B82A	POWER SWITCH C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610B
C6512	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C6514	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	1	
C6515	VCE0073	E.CAPACITOR	1	
D6508	SLR932AVA	DIODE	1	[SUPPLIED FROM MBV]
PS6501	VJS3405A011A	CONNECTOR (FEMALE) 11P	1	
Q6502	2SD1994	TRANSISTOR	1	
R6519	ERDS2TJ150	C.RESISTOR 1/4W 15	1	
R6520	ERJ6GEYJ471	M.RESISTOR CH 1/10W 470	1	
R6528	ERJ6GEYJ181	M.RESISTOR CH 1/10W 180	1	
S6501,02	EVQ11409K	SWITCH	2	
S6504	EVQ11409K	SWITCH	1	
		MISCELLANEOUS		
	VMD2591	LED HOLDER	1	[SUPPLIED FROM MBV]
⚠ ■	VEP01763A	POWER C.B.A.		[SUPPLIED FROM MBV]
				(RTL)
				NV-HD610EG/EG H
⚠C1101	ECKMWS102MEH	C.CAPACITOR 1000P	1	
⚠C1104	ECKMWS102MEH	C.CAPACITOR 1000P	1	
C1106	ECQE6104KF	P.CAPACITOR 630V 0.1U	1	
⚠C1107	ECKMWS102MEH	C.CAPACITOR 1000P	1	
⚠C1110,11	ECQU2A104MV	P.CAPACITOR 250V 0.01U	2	
C1112	ECEC2GG330	E.CAPACITOR 400V 33U	1	
C1113	ECKD2H103PU	C.CAPACITOR 500V 0.01U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1114	ECGD3A470KGE	C.CAPACITOR 1KV 47P	1	
C1115	ECA1VGE470X	E.CAPASITOR 35V 47U	1	
C1116	ECEA1HGE470	E.CAPACITOR 50V 47U	1	
C1117	ECQV1H104JM	P.CAPACITOR 50V 0.1U	1	
C1118	ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
C1120	ECQB1H103JF	P.CAPACITOR 50V 0.01U	1	
C1121	EEUFA1E681	E.CAPACITOR 25V 680U	1	
C1122	ECEA1EGE221	E.CAPACITOR 25V 220U	1	
C1123	ECKD2H101KB	C.CAPACITOR 500V 100P	1	
C1124	EEUFA1A122	E.CAPASITOR 10V 1200U	1	
C1125	ECEA1AGE331	E.CAPACITOR 10V 330U	1	
C1127	ECA1HFQ560	E.CAPACITOR 50V 56U	1	
C1128	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C1129	ECKD2H101KB	C.CAPACITOR 500V 100P	1	
C1130	ECA1VFQ560	E.CAPACITOR 35V 56U	1	
C1131	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C1133	ECA0JFQ221	E.CAPACITOR 6.3V 220U	1	
C1134,35	ECQB1H103JF	P.CAPACITOR 50V 0.01U	2	
C1136	ECKF1H391KB	C.CAPACITOR 50V 390P	1	
C1147	ECKF1H102KB	C.CAPACITOR 50V 1000P	1	
C1148	ECQV1H104JM	P.CAPACITOR 50V 0.1U	1	
C1150	ECQB1H103JF	P.CAPACITOR 50V 0.01U	1	
⚠D1102	S1WBA60S	DIODE	1	
D1103	APO1G	DIODE	1	
D1104	MA185	DIODE	1	
D1108	RD100E	DIODE	1	
D1109,10	ERA15-08	DIODE	2	
D1121	RN2ZLF-C4	DIODE	1	
D1122	21DQ04	DIODE	1	
D1123	ERA22-02	DIODE	1	
D1124	MA185	DIODE	1	
D1125	11EQS04	DIODE	1	
D1126	MA4043-L	DIODE	1	
D1127	1SS254	DIODE	1	
D1129	MA4039-M	DIODE	1	
⚠F1101	XBA2G16TH15	FUSE	1	
IC1101	TDA4605-3	IC	1	
⚠IP1101	VSF0015A10	IC PROTECTOR	1	
⚠L1107,08	ELF18D290A	COIL 29UH	2	
L1121,22	VLQ0655K220	COIL 22UH	2	[SUPPLIED FROM MBV]
L1123,24	ELESE101KA	COIL 100UH	2	
LB1101	VLP0085	COIL	1	
LB1102	VLP0074	COIL	1	
⚠P1101	VJS3306	AC INLET	1	
P1102	VJP3631A011W	CONNECTOR (MALE) 11P	1	
Q1101	STP3N60FI-M	TRANSISTOR	1	
Q1102	2SD1991A	TRANSISTOR	1	
⚠Q1111	MOC8104T	TRANSISTOR	1	
QR1101	UN6114	TRANSISTOR-RESISTOR	1	
QR1103	UN4213	TRANSISTOR-RESISTOR	1	
R1103	ERG1SJ393	M.RESISTOR 1W 39K	1	
R1104	ERDS2TJ391	C.RESISTOR 1/4W 390	1	
R1107	ERDS2FJ164	C.RESISTOR 1/4W 160K	1	
R1108	ERDS2FJ105	C.RESISTOR 1/4W 1M	1	
R1109	ERDS2FJ221	C.RESISTOR 1/4W 220	1	
R1110	ERDS2FJ822	C.RESISTOR 1/4W 8.2K	1	
R1111	ERDS2FJ222	C.RESISTOR 1/4W 2.2K	1	
R1112	ERDS2FJ304	C.RESISTOR 1/4W 300K	1	
R1113	ERDS2FJ474	C.RESISTOR 1/4W 470K	1	
R1114	ERX12SJR75	M.RESISTOR 1/2W 0.75	1	
R1115	ERDS2FJ103	C.RESISTOR 1/4W 10K	1	
R1116	ERDS2FJ100	C.RESISTOR 1/4W 10	1	
R1117	ERDS2FJ472	C.RESISTOR 1/4W 4.7K	1	
⚠R1122	ERG12AGM334	S.RESISTOR 1/2W 330K	1	
R1125	ERDS2TJ271	C.RESISTOR 1/4W 270	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1128	ERDS2FJ332	C. RESISTOR 1/4W 3.3K	1	
R1129	ERDS2FJ123	C. RESISTOR 1/4W 12K	1	
R1133	ERDS2FJ474	C. RESISTOR 1/4W 470K	1	
R1135	ERDS2FJ274	C. RESISTOR 1/4W 270K	1	
R1139	ERDS2TJ475	C. RESISTOR 1/4W 4.7M	1	
⚠T1101	VLT0874	TRANSFORMER	1	[SUPPLIED FROM MBV]
		MISCELLANEOUS		
⚠	EYF52BC	FUSE HOLDER	2	
	VHD0418	SCREW	1	
	VMP4717	INRET ANGLE	1	
⚠	VMZ2212	CAPACITOR COVER	2	
⚠	VMZ2394	P. C. B. HOLDER ANGLE	1	
	VSC4205	SHIELD COVER	1	
⚠ ■	VEP01763B	POWER C. B. A.		[SUPPLIED FROM MBV]
				(RTL) NV-HD610B/EG
				NV-HD605B/BL
⚠C1101	ECKMWS102MEH	C. CAPACITOR 1000P	1	
⚠C1104	ECKMWS102MEH	C. CAPACITOR 1000P	1	
C1106	ECQE6104KF	P. CAPACITOR 630V 0.1U	1	
⚠C1107	ECKMWS102MEH	C. CAPACITOR 1000P	1	
⚠C1110, 11	ECQU2A104MV	P. CAPACITOR 250V 0.01U	2	
C1112	ECEG2GG330	E. CAPACITOR 400V 33U	1	
C1113	ECKD2H103PU	C. CAPACITOR 500V 0.01U	1	
C1114	ECCD3A470KGE	C. CAPACITOR 1KV 47P	1	
C1115	ECA1VGE470X	E. CAPASITOR 35V 47U	1	
C1116	ECEA1HGE470	E. CAPACITOR 50V 47U	1	
C1117	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C1118	ECKF1H102KB	C. CAPACITOR 50V 1000P	1	
C1120	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
C1121	EEUFA1E681	E. CAPACITOR 25V 680U	1	
C1122	ECEA1EGE221	E. CAPACITOR 25V 220U	1	
C1123	ECKD2H101KB	C. CAPACITOR 500V 100P	1	
C1124	EEUFA1A122	E. CAPASITOR 10V 1200U	1	
C1125	ECEA1AGE331	E. CAPACITOR 10V 330U	1	
C1127	ECA1HFQ560	E. CAPACITOR 50V 56U	1	
C1128	ECKF1H103ZF	C. CAPACITOR 50V 0.01U	1	
C1129	ECKD2H101KB	C. CAPACITOR 500V 100P	1	
C1130	ECA1VFQ560	E. CAPACITOR 35V 56U	1	
C1131	ECKF1H103ZF	C. CAPACITOR 50V 0.01U	1	
C1133	ECA0JFQ221	E. CAPACITOR 6.3V 220U	1	
C1134, 35	ECQB1H103JF	P. CAPACITOR 50V 0.01U	2	
C1136	ECKF1H391KB	C. CAPACITOR 50V 390P	1	
C1147	ECKF1H102KB	C. CAPACITOR 50V 1000P	1	
C1148	ECQV1H104JM	P. CAPACITOR 50V 0.1U	1	
C1150	ECQB1H103JF	P. CAPACITOR 50V 0.01U	1	
⚠D1102	S1WBA60S	DIODE	1	
D1103	AP01C	DIODE	1	
D1104	MA185	DIODE	1	
D1108	RD100E	DIODE	1	
D1109, 10	ERA15-08	DIODE	2	
D1121	RN2ZLF-C4	DIODE	1	
D1122	21DQ04	DIODE	1	
D1123	ERA22-02	DIODE	1	
D1124	MA185	DIODE	1	
D1125	11EQS04	DIODE	1	
D1126	MA4043-L	DIODE	1	
D1127	1SS254	DIODE	1	
D1129	MA4039-M	DIODE	1	
⚠F1101	XBA2G16TH15	FUSE	1	
IC1101	TDA4605-3	IC	1	
⚠IP1101	VSF0015A10	IC PROTECTOR	1	
⚠L1107, 08	ELF18D290A	COIL 29UH	2	
L1121, 22	VLQ0655K220	COIL 22UH	2	[SUPPLIED FROM MBV]
L1123, 24	ELESE101KA	COIL 100UH	2	
LB1101	VLP0085	COIL	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
LB1102	VLP0074	COIL	1	
⚠P1101	VJS3306	AC INLET	1	
P1102	VJP3631A011W	CONNECTOR (MALE) 11P	1	
Q1101	STP3N60FI-M	TRANSISTOR	1	
Q1102	2SD1991A	TRANSISTOR	1	
⚠Q1111	MOC8104T	TRANSISTOR	1	
QR1101	UN6114	TRANSISTOR-RESISTOR	1	
QR1103	UN4213	TRANSISTOR-RESISTOR	1	
R1103	ERG1SJ393	M. RESISTOR 1W 39K	1	
R1104	ERDS2TJ391	C. RESISTOR 1/4W 390	1	
R1107	ERDS2FJ164	C. RESISTOR 1/4W 160K	1	
R1108	ERDS2FJ105	C. RESISTOR 1/4W 1M	1	
R1109	ERDS2FJ221	C. RESISTOR 1/4W 220	1	
R1110	ERDS2FJ822	C. RESISTOR 1/4W 8.2K	1	
R1111	ERDS2FJ222	C. RESISTOR 1/4W 2.2K	1	
R1112	ERDS2FJ304	C. RESISTOR 1/4W 300K	1	
R1113	ERDS2FJ474	C. RESISTOR 1/4W 470K	1	
R1114	ERX12SJR75	M. RESISTOR 1/2W 0.75	1	
R1115	ERDS2FJ103	C. RESISTOR 1/4W 10K	1	
R1116	ERDS2FJ100	C. RESISTOR 1/4W 10	1	
R1117	ERDS2FJ472	C. RESISTOR 1/4W 4.7K	1	
⚠R1122	ERG12AGM334	S. RESISTOR 1/2W 330K	1	
R1125	ERDS2TJ271	C. RESISTOR 1/4W 270	1	
R1128	ERDS2FJ332	C. RESISTOR 1/4W 3.3K	1	
R1129	ERDS2FJ123	C. RESISTOR 1/4W 12K	1	
R1133	ERDS2FJ474	C. RESISTOR 1/4W 470K	1	
R1135	ERDS2FJ274	C. RESISTOR 1/4W 270K	1	
R1139	ERDS2TJ475	C. RESISTOR 1/4W 4.7M	1	
⚠T1101	VLT0874	TRANSFORMER	1	[SUPPLIED FROM MBV]
		MISCELLANEOUS		
⚠	EYF52BC	FUSE HOLDER	2	
	VHD0418	SCREW	1	
	VMP4717	INRET ANGLE	1	
⚠	VMZ2212	CAPACITOR COVER	2	
⚠	VMZ2394	P. C. B. HOLDER ANGLE	1	
	VSC4205	SHIELD COVER	1	
■	VEX0129	CYLINDER DRIVE C. B. A.		(RTL)
C2901-03	ECEA1VSN2R2	E. CAPACITOR 35V 2.2U	3	
C2904-06	ECUM1E104KBM	C. CAPACITOR CH 25V 0.1U	3	
C2907	ECUM1E683KBM	C. CAPACITOR CH 25V 0.068U	1	
C2908	ECUM1E473KBM	C. CAPACITOR CH 25V 0.047U	1	
C2910	ECEA1CKS100	E. CAPACITOR 16V 10U	1	
IC2901	AN3814K	IC	1	
P2901	VJP2603W	CONNECTOR (MALE)	1	
P2902	VJP1232T	CONNECTOR (MALE) 5P	1	
R2901	ERX12SJR68	M. RESISTOR CH 1/2W 0.68	1	
		MISCELLANEOUS		
	VMA9138	MAIN HOLDER	1	
■	————	MOTOR C. B. A.		(RTL)
		MISCELLANEOUS		
	VJP3316B002	CONNECTOR (MALE) 2P	1	

INTERNAL REFERENCE CODES

NOTE: This chart is only for internal reference.
Do not order any parts according to these codes.

P. C. B.	FILM CODE
MAIN	HOA000-06B36
LUMINANNCE & CHROMINANCE	HOA000-03B46
HIFI AUDIO	HOA000-04644
INPUT/OUTPUT	HOA000-03D34
TIMER SYUGO	HOA000-0361A
TV DEMODULATOR	HOA000-07801
DECODER	HOA000-07784
NICAM DECODER	HOA000-07787
HEAD AMP	HOA000-05329
CYLINDER DRIVE	HOA001-00V23
LOADING MOTOR	HOA000-00S75